

AH diagnostics

AN EXTRAORDINARY ADVENTURE

CELL CULTURE - SERA & MEDIA



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AN EXTRAORDINARY ADVENTURE



CELL CULTURE

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SERA & MEDIA

- Animal and human sera, sera with treatment, FBS GOOD, plasma, FetalClone, BSA, PAN BIOTECH, DUTSCHER, HYCLONE, ID BIO, CORNING 96 to 98	
• Culture media	
DMEM, MEM, RPMI, GLASCOW, HAM'S, IMDM, BME, CMRL, M199, Leibovitz's, Mc COY'S, WILLIAMS E	99 to 104
• Buffered saline solutions :	
EBSS, HBSS, HEPES, DPBS, Tryode, Puck, GEY'S, PBS, SSC, TAE	105 and 106
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The different methods in cell culture

2D cell culture method

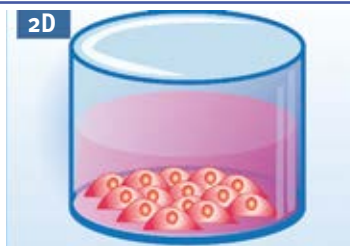
A traditional method used for decades, the cells are mainly deposited on a flat substrate and therefore form flat layers.

Advantages

- Easy to handle as it has been mastered for a long time
- Easy observation of cells
- Simple environmental control

Disadvantages

- Interactions between different cells in our body, are not glued flat to each other
- Does not create a real microenvironment because the cells in our body organise themselves differently
- Flat cells are not equally resistant to drugs



Consequences

- Analyses and tests are not very predictive because 2D cells have a different morphology and phenotype than *in vivo* conditions
- Some drugs that are ineffective in 2D would have been effective in 3D and vice versa
- Use of numerous animal tests to validate the first 2D results

3D cell culture method

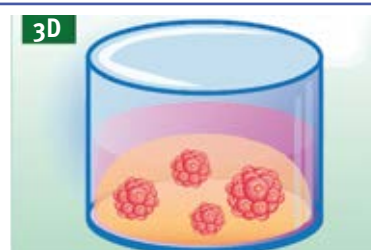
A new method of culture where the cells are organised differently because the different methods used allow them to avoid lying flat.

Advantages

- Real cell-cell interactions
- True interactions between cells and the biochemical and physiological microenvironment
- Optimal diffusion of gradients (oxygen, nutrients, waste...)
- Different reaction to stimuli (temperature, pH...)

Disadvantages

- More complex culture method, but this is fading with the development of new media
- Harder cell observations: more suitable consumables and transparency techniques now improve these observations

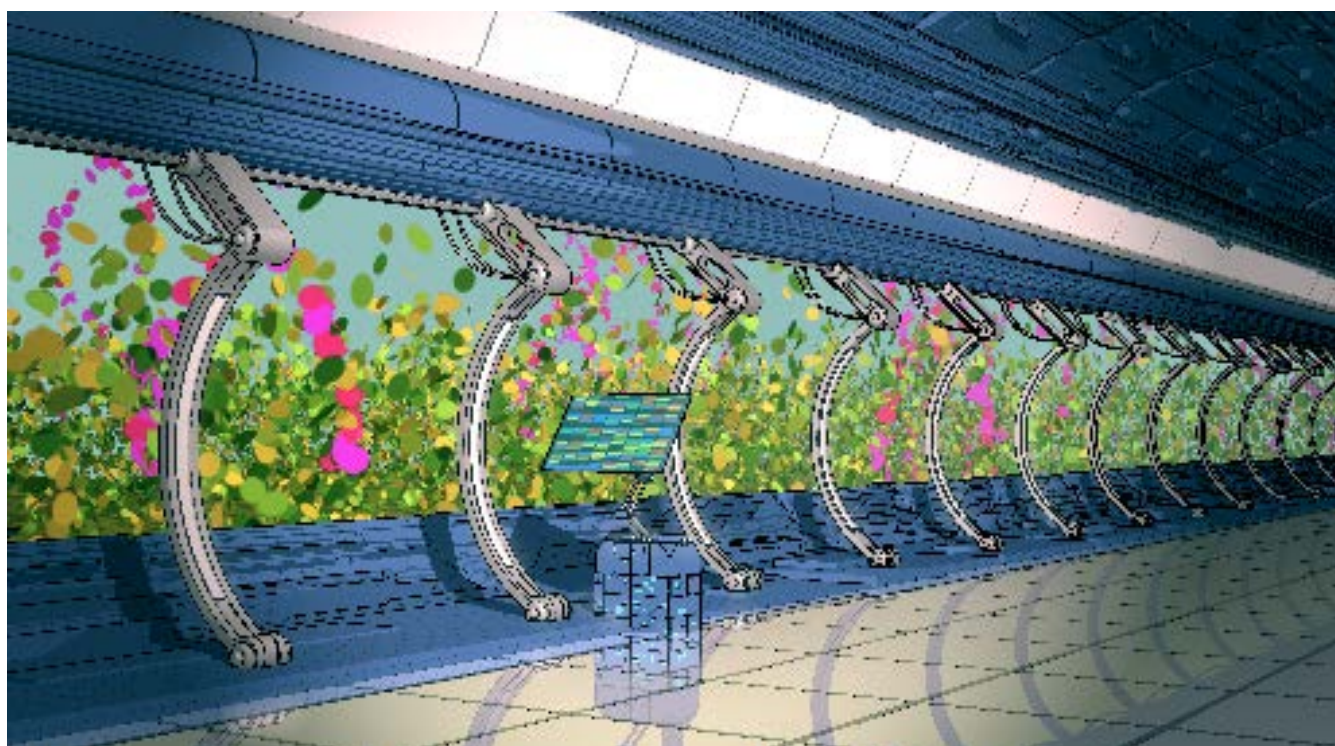


Consequences

- Drug analyses and tests are becoming much more predictive
- Better representation of the real (physiological) conditions of our body
- Study of drug resistance in a more physiological way, with cells forming a real barrier
- Better screening of molecules of interest; less animal testing
- Time and financial savings

Once you want to go into 3D, what's next?

- You are patient, you like to read and you leaf through the following pages which will guide you in the choice of different media to get there.
- If you are impatient and want to move forward quickly, you can contact our team of cell culture specialists directly, who will analyse your scientific project and technical needs and offer you the best solutions to get there.



Corning® Treatment ULA (Ultra-Low Attachment)

- ▶ Ultra-Low Attachment (ULA) surfaces have a hydrogel layer that minimises cell attachment, protein uptake and enzyme activation (the surface is non-cytotoxic, biologically inert, and non-degradable)
- ▶ Sterile

- ▶ Applications
 - ▶ 3D formation of spheroids
 - ▶ The maintenance of cells in suspension
 - ▶ Preventing stem cell differentiation
 - ▶ Preventing the division of adherent cells



The plates

Cat. No.	Number of wells	Colour	Treatment	Type of bottom	Units/bag	Units/box	Price/box
003471	6	Transparent	ULA	Flat	1	24	N/A -
003473	24	Transparent	ULA	Flat	1	24	N/A -
007007	96	Transparent	ULA	Rounded	1	24	N/A -
003474	96	Transparent	ULA	Flat	1	24	N/A -
004588	384	Black	ULA	Flat-Transparent	20	100	N/A -

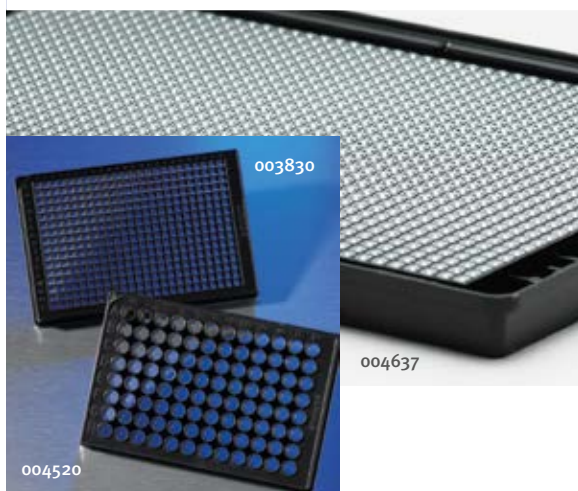
Flasks

Cat. No.	Type of Flask	Type of cap	Treatment	Units/bag	Units/box	Price/box
003814	75 cm ²	Filter	ULA	4	24	N/A -
003303	CellSTACK® 1 Level 636 cm ²	Filter	ULA	1	8	N/A -

Petri dishes

Cat. No.	Diameter (mm)	Treatment	Units/bag	Units/box	Price/box
003261	60	ULA	5	20	N/A -

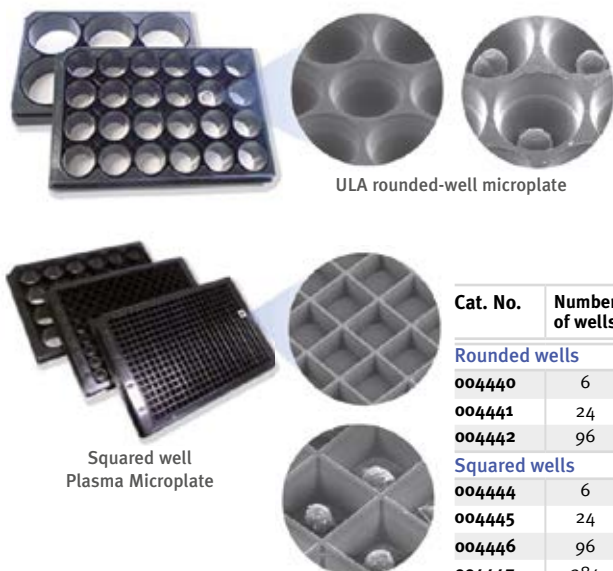
Corning® ULA treatment and a specific design for spheroids



- ▶ One plate for all steps (culture and testing), no handling or delicate transfer of spheroids required
- ▶ Optically clear round bottom well
- ▶ Ultra-Low Attachment: surface treatment with very low cell adhesion
- ▶ Unique well geometry for reproducible well-to-well growth of 3D cultures
- ▶ Sterile

Cat. No.	Number of wells	Treatment	Colour	Type of bottom	Units/bag	Units/box	Price/box
004520	96	ULA	Black	Rounded-Transparent	10	50	N/A -
004515	96	ULA	Black	Rounded-Transparent	1	5	N/A -
003830	384	ULA	Black	Rounded-Transparent	10	50	N/A -
003830BC	384	ULA	Black	Rounded-Transparent	10	50	N/A -
004516	384	ULA	Black	Rounded-Transparent	1	5	N/A -
004637	1536	ULA	Black	Rounded-Transparent	1	5	N/A -
004527	1536	ULA	Black	Rounded-Transparent	10	50	N/A -

Corning® ELPLASIA® technology for mass production of spheroids



- ▶ Enables mass production of uniformly sized spheroids for *in vivo* tumour studies or screening of anti-cancer molecules
- ▶ Two well geometries: rounded (for spheroid formation and expansion) or squared (more suitable for image analysis)
- ▶ The bottom of the wells have micro-cavities allowing the formation of several spheroids per well; up to 15 796 spheroids per 1 well
- ▶ ULA or PLASMA treatment depending on the model
- ▶ Supplied with cap
- ▶ Unit packaging
- ▶ Sterile

Cat. No.	Number of wells	Treatment	Colour	Type of bottom	Average number of spheroids/well	Units/bag	Units/box	Price/box
Rounded wells								
004440	6	ULA	Black	Flat-Transparent	2885	1	5	N/A -
004441	24	ULA	Black	Flat-Transparent	554	1	5	N/A -
004442	96	ULA	Black	Flat-Transparent	79	1	5	N/A -
Squared wells								
004444	6	PLASMA	Black	Flat-Transparent	15796	1	5	N/A -
004445	24	PLASMA	Black	Flat-Transparent	2934	1	5	N/A -
004446	96	PLASMA	Black	Flat-Transparent	475	1	5	N/A -
004447	384	PLASMA	Black	Flat-Transparent	137	1	5	N/A -

Corning® Plates MATRIGEL® 3D Coated

CORNING

- > Culture plates coated with 3D-qualified Matrigel®
- > Ideal for screening research on spheroids, organoids, or tumoroids
- > Improve the repeatability and accuracy of 3D analyses

Cat. No.	Number of wells	Treatment	Colour	Type of bottom	Units/bag	Units/box	Price/box
356259	96	Matrigel® without phenol red	Black	Flat-Transparent	1	1	N/A -
356256	384	Matrigel® without phenol red	Black	Flat-Transparent	1	5	N/A -
356257	384	Matrigel® without phenol red	White	Flat-Transparent	1	5	N/A -
356258	384	Matrigel® without phenol red	White	Flat-Transparent	1	1	N/A -



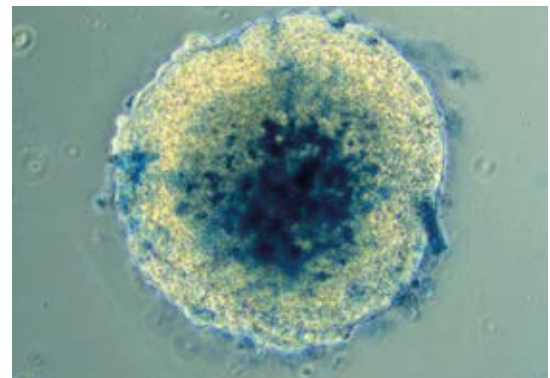
CELL CULTURE

CELLSTAR® Cell-Repellent Treatment

greiner
BIO-ONE

- > The CELLSTAR® Cell-Repellent surface treatment of Greiner Bio-One effectively prevents cell adhesion
- > Spheroid and aggregated stem cell cultures
- > Suspension culture of adherent or semi-adherent cells
- > Culture on hydrogel or equivalent
- > 3D magnetic culture with the M3D Greiner Bio-One system
- > Thanks to an innovative chemical modification of the polymer, the Cell-Repellent Greiner Bio-One surface does not interfere with culture conditions, making it an excellent support for primary or sensitive cultures
- > Unit packaging possible on certain items, please consult our specialist

- > Sterile
- > Non-cytotoxic



Plates

Cat. No.	Number of wells	Treatment	Colour	Type of bottom	Units/bag	Units/box	Price/box
657970	6	Cell-Repellent	Transparent	Flat	1	5	N/A -
665970	12	Cell-Repellent	Transparent	Flat	1	5	N/A -
662970	24	Cell-Repellent	Transparent	Flat	1	5	N/A -
677970	48	Cell-Repellent	Transparent	Flat	1	5	N/A -
655970	96	Cell-Repellent	Transparent	Flat	1	6	N/A -
650970	96	Cell-Repellent	Transparent	Rounded	1	6	N/A -
650979	96	Cell-Repellent	Transparent	Rounded	8	32	N/A -
651970	96	Cell-Repellent	Transparent	V	1	6	N/A -
655976	96	Cell-Repellent	Black	Flat-Transparent	8	32	N/A -
781970	384	Cell-Repellent	Transparent	Flat	1	60	N/A -
787979	384	Cell-Repellent	Transparent	Rounded	8	32	N/A -
781976*	384	Cell-Repellent	Black	Flat-Transparent	8	32	N/A -

* µClear bottom

Flasks

Cat. No.	Type of Flask	Treatment	Type of bottom	Units/bag	Units/box	Price/box
690980	25 cm ²	Cell-Repellent	Standard	10	20	N/A -
690985	25 cm ²	Cell-Repellent	Filter	10	20	N/A -
658980	75 cm ²	Cell-Repellent	Standard	5	15	N/A -
658985	75 cm ²	Cell-Repellent	Filter	5	15	N/A -
660980	175 cm ²	Cell-Repellent	Standard	5	5	N/A -
660985	175 cm ²	Cell-Repellent	Filter	5	5	N/A -

High shape

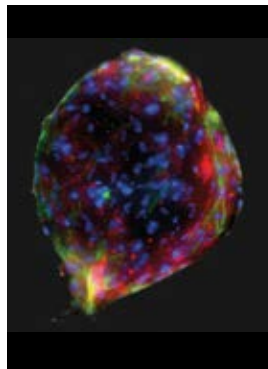
661980	175 cm ²	Cell-Repellent	Standard	4	4	N/A -
661985	175 cm ²	Cell-Repellent	Filter	4	4	N/A -

Petri dishes

Cat. No.	Diameter (mm)	Treatment	Units/bag	Units/box	Price/box
627979	35	Cell-Repellent	10	40	N/A -
628979	60	Cell-Repellent	10	20	N/A -
664970	100	Cell-Repellent	1	5	N/A -



Greiner Bio-One 3D magnetic technology / M3D Cell Culture



- > System for 3D cell culture using transient magnetization of cells that naturally attach to NanoShuttle™-PL magnetic beads
- > Thanks to the magnetic force, the cells aggregate, either by levitation or by bioprinting, to form 3D representation models *in vitro*
- > Reproduction of native tissue environments *in vitro*
- > Versatile system compatible with all cell types even in co-culture
- > 3D model formation within a few hours after incubation with magnetised beads

- > Reproducible and usable up to 1536 well format
- > No impact of the magnetised beads on the cells (proliferation, viability, phenotype, etc.) or on the analyses (qPCR, cytometry, fluorescence microscopy, western blot, etc.)
- > Centred positioning of spheroids
- > No specialised equipment, media or artificial substrate
- > Easy to handle, no loss of sample during washing, transfer or labelling of spheroids/organoids
- > Can be used as a complementary tool, compatible with a large number of 3D models and consumables

What 3D platform is best for you?				
Well Number	Magnetic Levitation		Spheroid Bioprinting	
	35 mm dish	6	24	96
Application				
Cancer				
Cardiotoxicity				
Hepatotoxicity				
Wound Healing				
Viability Assays				
Organoids				
Genomics				
Western Blotting				

Magnetic levitation

Cat. No.	Format	Description	Content	Price the kit
657840	6 wells	6-well Bio-assembler™ kit	- 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids - 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 2 x 6-well Cell-Repellent plate Cat.No. 657970 - 2 x Special intermediate cover Cat. No. 657825	N/A -
662840	24 wells	24-well Bio-assembler™ kit	- 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids - 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 2 x 6-well Cell-Repellent plate Cat.No. 662970 - 2 x Special intermediate cover Cat. No. 662825	N/A -

Intermediate lids alone

Allow physical separation of cells and magnets.

Cat. No.	Description	Units/bag	Units/box	Price/box
657825	Special intermediate lid 6 wells	2	10	N/A -
662825	Special intermediate cover 24 wells	2	10	N/A -

Magnetic bioprinting

Cat. No.	Format	Description	Content	Price the kit
655840	96 wells	96-well magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent transparent 96-well plate Cat.No. 655970	N/A -
655841	96 wells	96-well black magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent µclear bottom black 96-well plate Cat.No. 655976	N/A -
073054	384 wells	384-well magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent transparent 384-well plate Cat.No. 781970	N/A -
781841	384 wells	Black 384-well Magnetic Bio-Printing Kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent µclear bottom black 384-well plate Cat.No. 781976	N/A -

Ring drive 96 wells and 384 wells for Magnetic bioprinting

Magnetic-Ring Stand for 96 or 384 well plates.

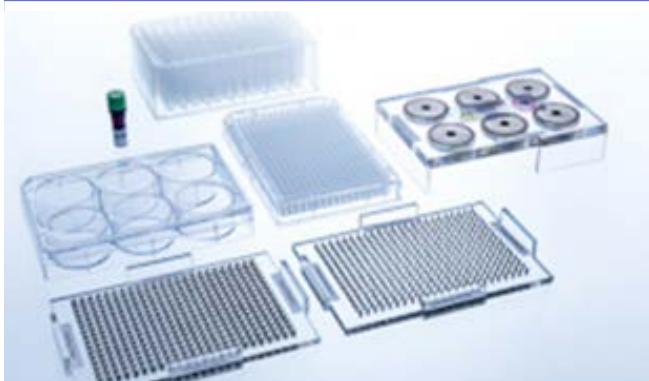
Cat. No.	Format	Price
655850	96 wells	N/A -
073062	384 wells	N/A -

Greiner MAGNETIC 3D Cell Culture M3D Technology (continued)

Magnetic-ring printing and imaging system

Cat. No.	Format	Description	Content	Price the kit	
655846	96 wells	BIOASSAY™ 96-well kit	- 1 x Spheroid Drive: holder for bioprinting spheroids formation - 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids	- 1 x Guide 96-well for magnetic bioprinting Cat.No. 655850 - 3 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 1 x Deepwell 96 well - 2 x Cell-Repellent transparent 96-well plate ref. 655970 - 2 x Cell-Repellent 6-well plate Cat.No. 657970	N/A -
655849	96 wells	BIOASSAY™ 96-well kit with imaging system	Identical to Cat.No. 655846 with imaging system Cat.No. 657860: - 1 x n3Dock - 1 x Imaging system - 1 x Light pad	- 1 x Fan - 1 x AD-USB adapter - 1 x extension - 1 x Software	N/A -
781846	384 wells	BIOASSAY™ 384-well kit	- 1 x Spheroid Drive: holder for bioprinting spheroids formation - 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids	- 1 x Guide 96-well for magnetic bioprinting Cat.No. 655850 - 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 1 x Deepwell 96-well - 2 x Cell-Repellent transparent 384-well plate Cat. No. 781970 - 2 x Cell-Repellent 6-well plate Cat. No. 657970	N/A -
073055	384 wells	BIOASSAY™ 384-well kit with imaging system	Identical to Cat.No. 781846 with imaging system Cat.No. 657860: - 1 x n3Dock - 1 x Imaging System - 1 x Light pad	- 1 x Fan - 1 x Adapter AD-USB - 1 x Extension - 1 x Software	N/A -

M3D imaging system and consumables



Cat. No.	Description	Content	Price the kit
657860	Imaging system kit	- 1 x n3Dock - 1 x imaging system - 1 x Light pad - 1 x fan - 1 x adapter AD-USB - 1 x extension - 1 x software	N/A -

MagPen

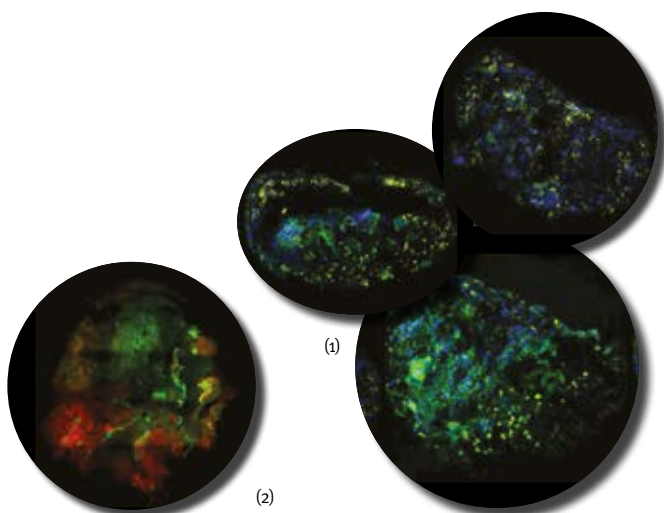


Magnetic pen for individual handling of formed spheroids.

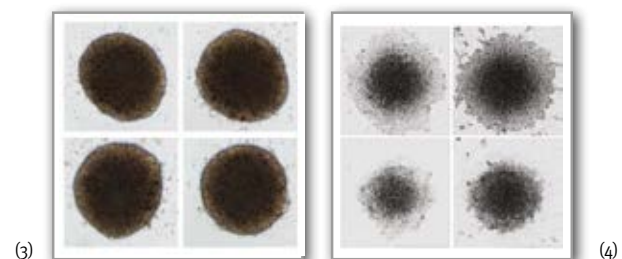
Cat. No.	Description	Units/bag	Units/box	Price/box
657850	MagPen magnetic pens	1	3	N/A -

Nanoshuttle™ -PL magnetic beads

Cat. No.	Description	Units/bag	Units/box	Price/box
657841	Nanoshuttle™ -PL magnetic beads, 600 µl tube	1	1	N/A -
657843	Nanoshuttle™ -PL magnetic beads, 600 µl tube	1	3	N/A -
657846	Nanoshuttle™ -PL magnetic beads, 600 µl tube	1	6	N/A -
657852	Nanoshuttle™ -PL magnetic beads, 600 µl tube	1	12	N/A -

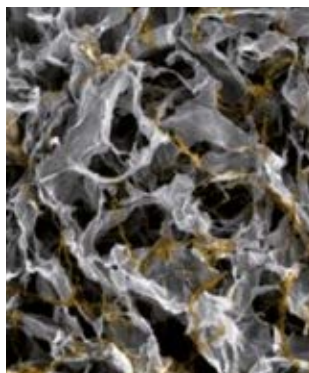


Our solutions, your results



- (1) Ravi Birla, *and al.* Assembly of a functional 3D primary boxiac construct using magnetic levitation, *AIMS Bioengineering*, 3(3): 277-288 (2016)
- (2) Leenhardt, R., Camus, M., Mestas, J.L. *and al.* Ultrasound-induced Cavitation enhances the efficacy of Chemotherapy in a 3D Model of Pancreatic Ductal Adenocarcinoma with its microenvironment. *Sci Rep* 9, 18916 (2019).
- (3) Noel, P., Muñoz, R., Rogers, G. W., Neilson, A., Von Hoff, D. D., Han, H. Preparation and Metabolic Assay of 3-dimensional Spheroid Co-cultures of Pancreatic Cancer Cells and Fibroblasts. *Vis. Exp.* (126), e56081, doi:10.3791/56081 (2017).
- (4) 25 and 50 µg/ml - Hau, H., Khanal, D., Rogers, L., Suchowerska, N., Kumar, R., Sridhar, S., McKenzie, D. and Chrzanowski, W. (2016), Dose enhancement and cytotoxicity of gold nanoparticles in colon cancer cells when irradiated with kilo and mega voltage radiation. *Bioengineering & Translational Medicine*, 1: 94-102.

Biomimesys 3D technology



A 3D microenvironment adapting to the different stiffness and compositions of the matrices within tissues and organs. Biomimesys 3D hydroscalloids are all **hyaluronic acid based**. This **hydroscalloid** provides a tailor-made support, controlled and physiologically adapted to the cells in which they rest.

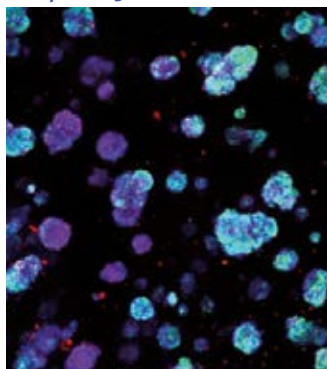
► Advantages of this hydroscalloid

- **Exchange** improved circulation of gases and nutrients
- **Interactions:** optimal cell-cell and cell-matrix interactions
- **Controlled composition:** precision of the components introduced, guaranteeing reproducibility of measurements
- **Ready to use:** easy to seed, freeze-dried matrix in the plate
- **Translucent:** ideal for microscopy and plate readers (screening)
- **Porous:** between 100 and 150 µm; rapid impact of lysis buffer, ideal for PCR, Western Blot and ELISA
- **Biodegradable:** easy to dissociate by specific enzymes, ideal for flow cytometry
- **Solid:** for long-term culture, ideal for histology and *in vivo* implantation



Our partner, HCS PHARMA, is also available to study any form of customisation based on this hydroskeleton. Please do not hesitate to contact us.

Biomimesys oncology: for optimal 3D cancer cell culture

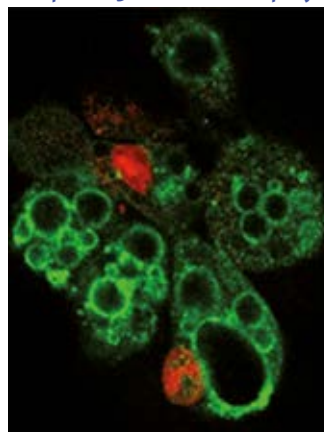


Composition: Hyaluronic acid + collagen I

- **Promotes 3D structure: spheroids or organoids**
- **Facilitates variation in spheroid shape and size depending on: cell density, culture time and cell type**
- **Improves motility, proliferation and migration**
- **Avoids immune reactions in *in vivo* implantations**

Cat. No.	Description	Units/box	Price/box
159100	Transparent 96-well plate with 96 hydroscalloids	1	N/A -
159101	Transparent 96-well plate with 24 hydroscalloids	1	N/A -
159102	Black 96-well plate, transparent bottom with 96 hydroscalloids	1	N/A -
159103	Black 96-well plate, transparent bottom with 24 hydroscalloids	1	N/A -
159118	Black 384-well plate, transparent bottom and 384 hydroscalloids	1	N/A -
159119	Black 384-well plate, transparent bottom and 384 hydroscalloids	5	N/A -

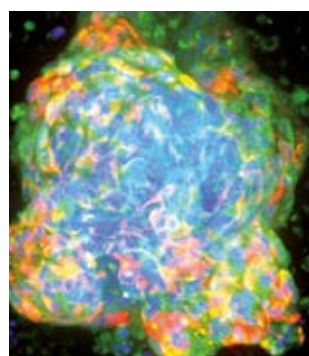
Biomimesys adipose tissue: for optimal 3D culture of adipocytes



Composition: Hyaluronic acid + RGDS peptide + collagen I + collagen VI

- **Promotes 3D structure: spheroids or organoids**
- **Ensures differentiation of pre-adipocytes into mature adipocytes**
- **Improves lipid accumulation during growth (maturation indicator)**
- **Increases expression of adipogenesis marker genes**

Cat. No.	Description	Units/box	Price/box
159104	Transparent 96-well plate with 96 hydroscalloids	1	N/A -
159105	Transparent 96-well plate with 24 hydroscalloids	1	N/A -
159106	Black 96-well plate, transparent bottom with 96 hydroscalloids	1	N/A -
159107	Black 96-well plate, transparent bottom with 24 hydroscalloids	1	N/A -



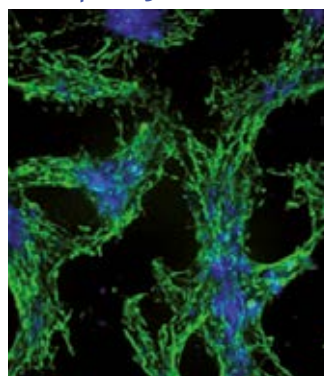
Biomimesys liver: for optimal 3D culture of hepatocytes

Composition: Hyaluronic acid + RGDS peptide + Galactosamine + collagen I + collagen IV

- **Favours 3D structure: spheroids or organoids for metabolic or toxicity research**
- **Preserves the metabolic activity of primary human hepatocytes**

Cat. No.	Description	Units/box	Price/box
159108	Transparent 96-well plate with 96 hydroscalloids	1	N/A -
159109	Transparent 96-well plate with 24 hydroscalloids	1	N/A -
159110	Black 96-well plate, transparent bottom with 96 hydroscalloids	1	N/A -
159111	Black 96-well plate, transparent bottom with 24 hydroscalloids	1	N/A -
159116	Black 384-well plate, transparent bottom with 384 hydroscalloids	1	N/A -
159117	Black 384-well plate, transparent bottom with 384 hydroscalloids	5	N/A -

Biomimesys brain: for an optimal 3D culture of neuronal cells



Composition: Hyaluronic acid + RGDS peptide + collagen IV + Cationic Biopolymer

- **Promotes 3D structure: spheroids or neural networks**
- **Prolongs culture in the best conditions**

Cat. No.	Description	Units/box	Price/box
159112	Transparent 96-well plate with 96 hydroscalloids	1	N/A -
159113	Transparent 96-well plate with 24 hydroscalloids	1	N/A -
159114	Black 96-well plate, transparent bottom with 96 hydroscalloids	1	N/A -
159115	Black 96-well plate, transparent bottom with 24 hydroscalloids	1	N/A -

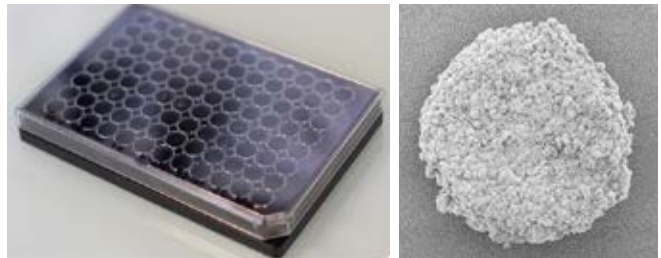
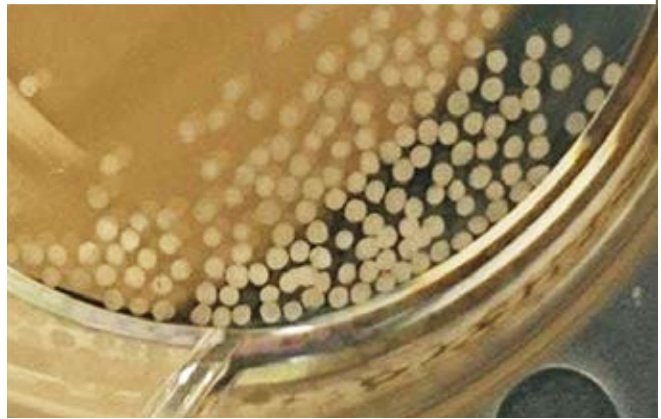
Artificial Tumour Kit® in ready-to-use microplates

- Artificial tumours® (3D cultures) from tumour cell lines widely used in oncology
- More closely mimics the microenvironment of avascular tumours *in vivo* than 2D cultures
- Increasingly involved in the development of medicines
- Ideal research solution for aggressive triple-negative breast cancer

- The Opti3D® kit includes artificial tumours® produced in OptiPASS® culture medium in 96-well microplates (one tumour per well)
- Transport in anoxia and at 4 °C to put in dormancy until use (alternative to freezing)
- Each microplate contains 100 ml of suitable culture medium (OptiPASS® OPT103) for *in vitro* testing

➤ Advantages

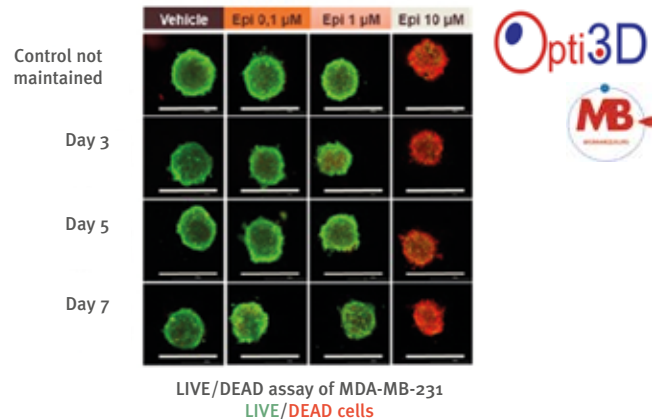
- Direct use of tumours after deconditioning
- Reproducible tumour size and morphology
- Guaranteed: less than 10% intra- and inter-microplate size variation
- Once deconditioned, resumption of tumour growth for a minimum of 10 days
- Available for triple-negative breast cancer, very aggressive subtype: MDA-MB-231 line, SUM1315 line
- Ideal for screening, toxicity testing or basic research into mechanisms of interest



Cat. No.	Description	Packaging	Price
631700	OPTI3D® SUM 1315 Kit	1 x 96-well microplate in anoxia	N/A -
631701	OPTI3D® MDAMB 231 Kit	1 x 96-well microplate in anoxia	N/A -



For other types of artificial tumours, please contact us



Standard treatment used in this example: epirubicin

Ready-to-use, complete, serum-free cell culture media



OptiPASS media can be used for monolayer (2D) culture of tumour or healthy cells and for 3D culture of a wide range of tumour types of pre-clinical/clinical interest.

► Advantages

- Ready to use
- Absence of compounds of animal origin
- Controlled composition
- Reproducibility
- Prolongation of viability and growth of cell models without change in phenotype or cell response
- Cultures can be preserved without freezing (in anoxia and at 4 °C)

► 3 applications offered

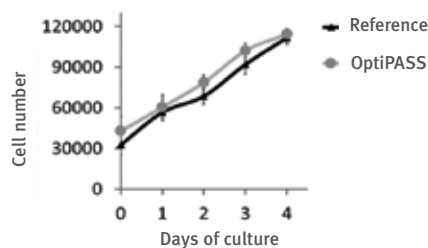
- 2D culture bioproduction
- Oncology: 3D culture
- Oncology: conservation

2D culture bioproduction

- Example of VERO E6 cells, the OptiPASS® medium (OPTI04):
 - allows for cell proliferation and viability similar to serum culture
 - allows for preservation of cell phenotype
 - requires prior coating of culture plates

Cat. No.	Description	Volume (ml)	Price
631702	OptiPASS® OPTI04	50	N/A -
631703	OptiPASS® OPTI04	100	N/A -
631704	OptiPASS® OPTI04	500	N/A -

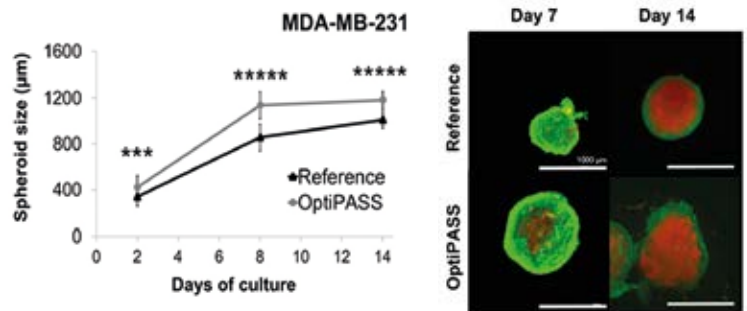
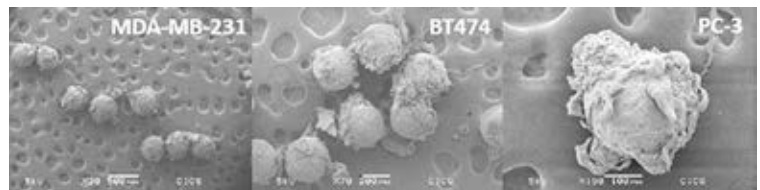
Proliferation rate per day



Oncology: 3D culture

- Validated tumour lines in 2D and 3D culture:
 - Breast: MDA-MB-231, SUM1315, BT474
 - Prostate: PC-3
 - Lung: NCI-H1975
 - Ovary: SK-OV-3
- OptiPASS® medium (OPTI03) for artificial tumours®:
 - maintenance/increase of proliferation/growth rate
 - maintenance of metabolic gradients within cultures (live cells/dead cells)
 - reproducibility of production in terms of size and proliferation/growth

Cat. No.	Description	Volume (ml)	Price
631705	OptiPASS® OPTI03 for 3D culture and Artificial® Tumours	50	N/A -
631706	OptiPASS® OPTI03 for 3D culture and Artificial® Tumours	100	N/A -
631707	OptiPASS® OPTI03 for 3D culture and Artificial® Tumours	500	N/A -

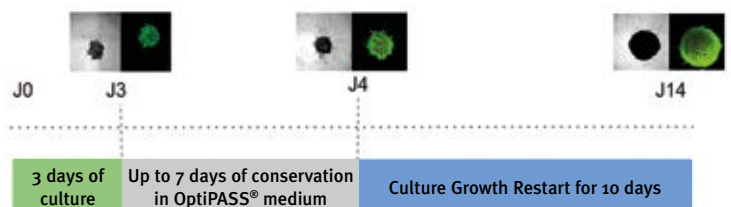


Dubois and al, J Clin Med. 2019 Mar 21;8(3):397. doi: 10.3390/jcm8030397

Oncology: conservation

- 3D cultures can be stored for several days in OptiPASS® medium (OPTI05), under anoxic conditions and at 4 °C before analysis
- Examples of tumour lines validated with this method:
 - Breast: MDA-MB-231, SUM1315

Cat. No.	Description	Volume (ml)	Price
631708	OptiPASS® OPTI05 for storage without freezing and in anoxia at 4 °C	50	N/A -
631709	OptiPASS® OPTI05 for storage without freezing and in anoxia at 4 °C	100	N/A -
631710	OptiPASS® OPTI05 for storage without freezing and in anoxia at 4 °C	500	N/A -





NUNCLON™ SPHERA™ Treatment



Nunc™ Nuclon™ Sphera™ plates allow for the optimization of sphere-shaped culture. They are suitable for different cell types.

► **Applications**

- Best model for studying tumour progression and the efficacy of anti-cancer agents, thanks to the reproduction of 3D structures during tumour growth
- Superior quality for the formation of embryoid bodies from pluripotent cells with minimal spontaneous differentiation
- Sterile

Flasks

Cat.No.	Type of Flask	Treatment	Type of cap	Units/ bag	Units/ box	Price/ box
056868	25 cm ²	NUCLON™ SPHERA™	Filter	6	18	N/A -
056869	75 cm ²	NUCLON™ SPHERA™	Filter	4	24	N/A -

Petri dishes

Cat. No.	Diameter (mm)	Treatment	Units/ bag	Units/ box	Price/ box
056865	35	NUCLON™ SPHERA™	5	20	N/A -
056866	60	NUCLON™ SPHERA™	5	20	N/A -
056867	90	NUCLON™ SPHERA™	5	20	N/A -

Plates

Cat.No.	Number of wells	Treatment	Colour	Type of bottom	Units/ bag	Units/ box	Price/ box
056864	6	NUCLON™ SPHERA™	Transparent	Flat	1	7	N/A -
056863	12	NUCLON™ SPHERA™	Transparent	Flat	1	7	N/A -
056862	24	NUCLON™ SPHERA™	Transparent	Flat	1	7	N/A -
056861	96	NUCLON™ SPHERA™	Transparent	Flat	1	8	N/A -
056883	96	NUCLON™ SPHERA™	Transparent	Flat	5	50	N/A -
056860	96	NUCLON™ SPHERA™	Transparent	Rounded	1	8	N/A -



SPL3D™ Cell Floater treatment



- 3D cell culture media Plates
- Promote the formation of animal cell spheroids
- Treatment for low cell adhesion
- In polystyrene
- Sterile

Plates

Cat.No.	Number of wells	Treatment	Colour	Type of bottom	Units/ bag	Units/ box	Price/ box
330189	6	SPL3D™ Cell Floater	Transparent	Flat	1	5	N/A -
330190	24	SPL3D™ Cell Floater	Transparent	Flat	1	5	N/A -
330191	96	SPL3D™ Cell Floater	Transparent	Flat	1	5	N/A -
330192	96	SPL3D™ Cell Floater	Transparent	Rounded	1	5	N/A -

Petri dishes

Cat. No.	Diameter (mm)	Treatment	Units/ bag	Units/ box	Price/ box
330186	35	SPL3D™ Cell Floater	10	20	N/A -
330187	60	SPL3D™ Cell Floater	10	20	N/A -
330188	90	SPL3D™ Cell Floater	10	10	N/A -

Flasks

Cat. No.	Type of Flask	Treatment	Type of cap	Units/ bag	Units/ box	Price/ box
330193	25 cm ²	SPL3D™ Cell Floater	Filter	5	10	N/A -
330194	75 cm ²	SPL3D™ Cell Floater	Filter	1	3	N/A -



Spheroid formation unit



- Promotes the formation and development of spheroids
- Polypropylene tube, HDPE cap, PET insert
- Hydrophobic PTFE filter membrane adhered to an air-permeable cap for improved gas exchange
- Insert with 68 µm thickness and 65 µm porosity
- Dial at the cap for airflow control
- Sterile

Cat. No.	Ø x h (mm)	Total volume (ml)	Units/ bag	Units/ box	Price/ box
330195	17 x 120	15	3	90	N/A -

Corning® Matrigel®

- Basal membrane extracted from a mouse sarcoma (EHS): rich in extracellular matrix proteins (laminin, collagen IV, entactin) and growth factors
- Promotes the attachment and differentiation of many normal or transformed cells (hepatocytes, neurons, epithelial, endothelial...)
- In gel form, promoting 3D culture or allowing to measure the invasiveness of tumour cells
- LDEV Free
- Tested negative for bacteria, fungi and mycoplasma
- Gel stability tested over 14 days at 37 °C



Cat. No.	Description	Packaging	Price
356255	Matrigel qualified for organoid culture, without phenol red	10 ml	N/A -
354277	Matrigel qualified for human embryonic stem cells (hESC)	5 ml	N/A -
356234	Matrigel with standard protein concentration	5 ml	N/A -
354234	Matrigel with standard protein concentration	10 ml	N/A -
356235	Matrigel with standard protein concentration	50 ml	N/A -
354248	Matrigel with high protein concentration	10 ml	N/A -
356237	Matrigel with standard protein concentration, without phenol red	10 ml	N/A -
354262	Matrigel with high protein concentration, without phenol red	10 ml	N/A -
356230	Matrigel with standard protein concentration, reduced in growth factors	5 ml	N/A -
354230	Matrigel with standard protein concentration, reduced in growth factors	10 ml	N/A -
354263	Matrigel with high protein concentration, phenol red free, reduced in growth factors	10 ml	N/A -
356231	Matrigel with standard protein concentration, without phenol red, reduced in growth factors	10 ml	N/A -

Corning® Matrigel® Dissociation

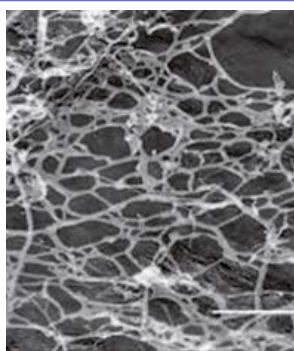
Matrigel® cell detachment solutions.



Cat. No.	Description	Quantity	Price
354235	Dispase	100 ml	N/A -
354253	Cell Recovery solution, non-enzymatic	100 ml	N/A -

Corning® PURAMATRIX™ Solutions

- Synthetic hydrogel peptide
- Purified standard amino acid compound 1% (w/v) and 99% water
- Transparent gel compatible with microscopic applications
- Free of animal and pathogenic compounds
- Tested negative for bacteria and mycoplasma



Cat. No.	Volume	Price
354250	5 ml	N/A -

Corning® 3D Clear Solutions pour 3D culture clearing



- The solution to improve your images and the analysis of your 3D structures
- Allows visualization of the entire structure of spheroids, up to 500 µm in thickness
- Full characterisation of the 3D model, allowing more accurate screening by visualising the core of the structure

➤ Advantages

- Fast clearing of tissues
- No special equipment required
- 3 to 4 times more cells detected
- Compatible with Corning flat-bottom or round-bottom plates for spheroids
- Compatible with fluorescence analyses, immunofluorescence analyses and numerous markers

Cat. No.	Description	Quantity	Price
005730	Corning 3D, Starter Kit, Cleaning Reagent, Antibodies, Blocking, Penetration and Washing Buffers	1	N/A -
005731	Corning 3D Clear Tissue Clearing Reagent	10 ml	N/A -
005732	Corning 3D Clear Tissue Clearing Reagent	30 ml	N/A -
005733	Corning 3D Clear Tissue Clearing Reagent	100 ml	N/A -
005738	Corning, penetration buffer	30 ml	N/A -
005739	Corning, penetration buffer	100 ml	N/A -
005734	Corning, antibody buffer	30 ml	N/A -
005735	Corning, antibody buffer	100 ml	N/A -
005737	Corning, blocking buffer	100 ml	N/A -



SPL matrix solution - Spheroid formation gel

CELL CULTURE



- ▶ Promotes the formation and development of spheroids
- ▶ The collection of spheroids is facilitated
- ▶ Hyaluronic acid compound
- ▶ Reconstituted size: 280 µm
- ▶ Total weight: 1 g (0.2 g/tube)
- ▶ Sterile

Cat. No.	Description	Units/box	Price/box
330196	Spheroid formation gel	5 tubes	N/A -

How to choose the best matrix?

Primary cells	Cell-Tak™	Collagen I	Collagen IV	Matrigel®	Fibronectin	Gelatin	Laminin	Osteopontin	Poly-Lysine (PDL, PLL)	PDL/LM and PLO/LM	PuraMatrix®	Vitronectin	PureCoat™ ECM Mimetic Fn	PureCoat™ ECM Mimetic COL I	Synthemax® Surface	Ultra-Low Attachment	Osteo Assay Surface	rLaminin-521 (Human)	Primaria™	CellBIND® Surface	PureCoat™ Amine	PureCoat™ Carboxyl	
	Extracellular matrices and biological coatings												ECM Mimetics and Advanced Surface				Improved CT surfaces						
Aortic endothelial cells, BAEC	x			x																			
Epithelial cells of the bile duct		x		x																			
Hepatocytes		x	x	x			x		x		x									x	x		
Cerebral microvessel cells (endothelial)		x	x	x	x	x	x					x											
Cardiac cells (endothelium, progenitors), boxiomycytes		x		x	x		x		x		x									x			x
Colon Epithelial cells			x	x												x							
Dorsal root ganglia				x					x	x													
Embryonic cortical neurons				x							x												
Embryonic sympathetic neurons			x	x			x				x												
Endothelial cells			x		x		x						x	x							x		
Erythrocyte culture (stage of parasite development)	x			x																			
Bone marrow cells, osteoclasts																		x					
Human periodontium (ligament)	x																						
Hippocampus Neurons				x	x		x		x	x	x												
HUVEC (endothelial)		x		x	x	x	x	x			x	x									x		
HVSMC				x			x					x											
Keratinocytes		x		x	x							x	x	x		x							
Mammary epithelium Cells		x		x			x					x				x							
Microvascular, BME (endothelial)		x	x	x	x							x	x										
Mouse splenic T cells	x		x	x																			
Muscle cells, myoblasts, myotubes, myogenic cells				x			x															x	
Neuronal cells (cortical, cerebellar granule, astrocytes, sensory, sympathetic)			x				x		x	x													x
Oligodendrocytes (glia, precursors)				x			x		x			x											
Osteoblasts		x										x	x										
Pancreatic islands, neonatal	x			x	x												x						x
Periodontium Acinar cells	x			x																			
Peripheral blood mononuclear cells		x	x	x								x					x	x					
Schwann cells (glial)			x	x			x					x											
Sertoli cells	x			x																			
Skeletal muscle cells (myocytes, myotubes)				x																	x	x	
Smooth muscle cells (endothelial, aortic, vascular)	x	x	x	x	x																x		
Urothelial cells		x	x	x	x																		

Corning® Extracellular and Synthetic Matrices

CORNING

- A solution for many cell culture problems
- Extracellular matrix proteins improve adhesion, proliferation and differentiation of many cell types (hepatocytes, endothelial cells, neurons...)
- There are also directly coated culture plates (see "Adherent cell culture" range)



Cat. No.	Description	Quantity	Price
354237	Extracellular matrix, human placenta	1 mg	N/A -
354231	Collagen I, bovine skin	30 mg	N/A -
354265	Collagen I, human placenta	10 mg	N/A -
354243	Collagen I, human placenta	250 µg	N/A -
354249	Collagen I, rat tail, high concentration	100 mg	N/A -
354236	Collagen I, rat tail	100 mg	N/A -
356236	Collagen I, rat tail	1 g	N/A -
354257	Collagen II, bovine	5 mg	N/A -
354244	Collagen III, human placenta	250 µg	N/A -
354245	Collagen IV, human placenta	250 µg	N/A -
354233	Collagen IV, mouse tumour	1 mg	N/A -
356233	Collagen IV, mouse tumour	10 mg	N/A -
354246	Collagen V, human placenta	250 µg	N/A -
354261	Collagen VI human placenta	0.5 mg	N/A -
354239	Laminin Ultra Pure without entactin	1 mg	N/A -
354259	Laminin entactin complex, high concentration, mouse tumour	10.5 mg	N/A -
354008	Fibronectin, human plasma	1 mg	N/A -
356008	Fibronectin, human plasma	5 mg	N/A -
356009	Fibronectin, human plasma	25 mg	N/A -
354210	Poly D Lysine	20 mg	N/A -
354238	Human Vitronectin	250 µg	N/A -
354256	Osteopontin source human milk 100 µg/ml in PBS solution	50 µg	N/A -



Collagen I (2D thin coat) Collagen I (3D gel) Matrigel® matrix (3D gel)

Corning® Cell-Tak

Used to adhere cells or tissue fractions to all types of substrates (e.g. plastic, glass, Teflon and biological materials).

CORNING

Cat.No.	Description	Packaging	Price
354240	Corning Cell-Tak	1 mg	N/A -
354241	Corning Cell-Tak	5 mg	N/A -
354241	Corning Cell-Tak	10 mg	N/A -



Corning® Synthemax™ II-SC

Easy to use self-coating material to create a unique synthetic surface that mimics the natural cellular environment. This surface supports the adhesion and expansion of stem cells in their undifferentiated state and the directed differentiation into specialised cell types.

CORNING

- Easy to use
- For plastic and glass surfaces
- Irradiated
- Quality tested for batch-to-batch consistency
- Store at -20 °C

Cat. No.	Packaging	Price
003535	10 mg	N/A -

PAN BIOTECH range - Attachment factors - Extra-cellular matrices

PAN BIOTECH

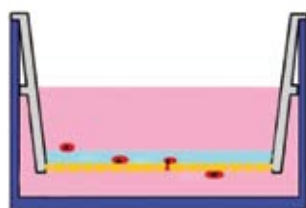
Cat. No.	Description	Vol.	Price
P06-20030	Collagen A	1 x (6 x 5 ml)	N/A -
P06-20166	Collagen R (type I) sterile 0.2% solution	20 ml	N/A -
P06-20410	Gelatin solution 0.1% PBS	500 ml	N/A -
P06-25200	Gelatin solution 2% PBS	100 ml	N/A -
2705005	Fibronectin	5 mg	N/A -
27050019	Fibronectin solution	1 mg/ml	N/A -

How to choose your culture inserts?

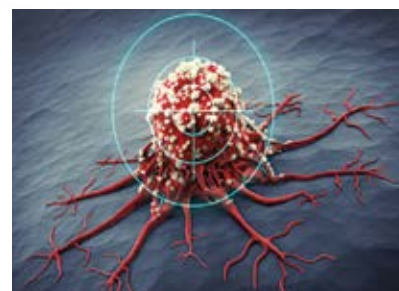
1) Define pore size:

Depending on your kind of Analysis, the choice of pore size is important

- CoCulture: 0.4 et 1 μm
- Cellular Migration: 3, 5 or 8 μm
- Cell Invasion, 3, 5 or 8 μm
- Transport and permeability Analysis: 0.4 or 1 μm
- Toxicity Analysis: 0.4, 1 or 3 μm
- Epithelial cell polarity: 0.4 μm
- Angiogenesis: 3 or 8 μm



Culture Insert
Cells
Matrix
Insert membrane



2) Define the type of membranes

Choose the best model according to optical properties, cell attachment or exchange maximisation..

- Polycarbonate (PC) membrane: very high pore density, which maximises exchange by optimal diffusion. Translucent membrane makes observation by light microscopy more difficult
- Polyester (PE) or polyethylene terephthalate (PET) membrane: pore density allowing transparency (except in certain specific cases) and ideal visualisation under microscopy
- Polytetrafluoroethylene (PTFE) membrane: membrane that can be coated with a cell matrix and retains optical properties for microscopic analysis

3) Define the format

The choice is made according to the cell type and the quantity of samples available.

- Plates 6, 12, 24, 96 or Petri dishes 100 mm

4) Choose your surface treatment

- Coated plates are used either to promote the adhesion of certain cell types, or to highlight certain phenomena such as cell invasion, it is time to choose the most suitable coating

On the following pages, you will find tables that summarise all these characteristics in order to make it easier for you to find your way around. Our team of specialists is also at your disposal, if you wish to discuss technical issues and get advice before making your choice

How to tell the difference between Migration and Cell Invasion

Many diseases, such as cancer, arthritis or atherosclerosis, are consequences of complex processes at the cellular level.

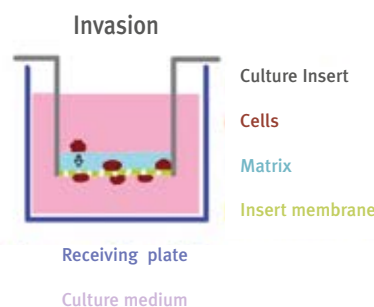
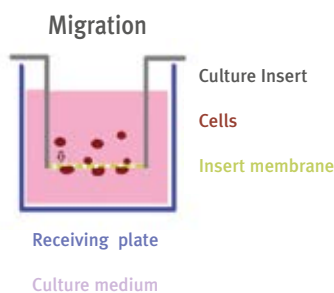
Cell migration and invasion are part of these processes.

Cell migration refers to the movement of cells, or tissues, in physiological or pathological contexts.

Cell invasion refers to a movement related to cell migration, where the cells have acquired an additional characteristic that allows them to cross the extracellular matrix. They have acquired the ability to degrade it.

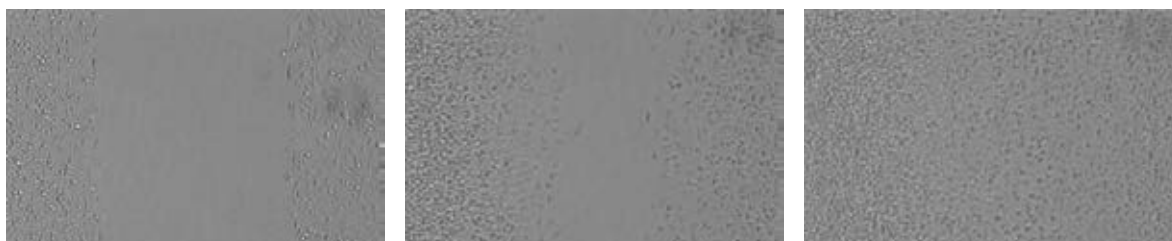
In order to avoid the progression of diseases by finding suitable drugs it is essential to study **these two mechanisms with different tests** :

- The use of "**Boyden chambers**", which can be found under different names as culture inserts (different products in the following pages), a method which consists of placing cells in a support which is superimposed on a culture plate, and observing whether the cells manage to pass through a porous membrane which has been selected according to the cells or the analyses to be carried out



- The use of "**wound test**", "**wound healing test**", which can be found under the name "scratch assay" (different products for this application in our catalogue: GREINER M3D, SPL...).

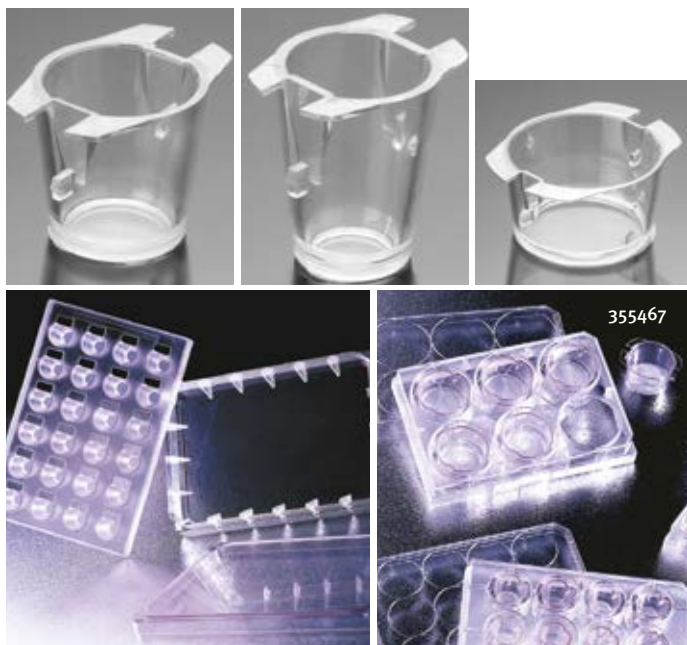
A method for creating a cell-free zone in the middle of a confluent culture and observing whether and how the cells come together.



Falcon® Inserts: different formats

- Falcon® individual inserts for 6, 12 or 24 well culture plates
- PET membrane for easy cell adhesion and visualisation
- Use with Companion plates designed for perfect centering of the insert in the well and optimal gas exchange
- Individually blister-packed, without plate
- High density membrane (more pores) for optimum diffusion between the upper and lower well compartment
- Falcon® integral inserts in 24 or 96 well plates
- Test automation (robot compatible)
- Supplied with a receiver plate for media renewal
- Fits Falcon® 24 and 96 plate sizes

- Applications
- Permeability of molecules analysis
- Cellular transport analysis
- Measuring of migration or invasion
- Chemotaxis Analysis



Cat. No.	Description	Membrane type	Membrane material	Units/box	Price/box
Porosity 0.4 µm					
353090	Individual inserts for 6-well plates	Transparent	PET	48	N/A -
353493	Individual inserts for 6-well plates	High density translucent	PET	48	N/A -
353180	Individual inserts for 12-well plates	Transparent	PET	48	N/A -
353494	Individual inserts for 12-well plates	High density translucent	PET	48	N/A -
353095	Individual inserts for 24-well plates	Transparent	PET	48	N/A -
353495	Individual inserts for 24-well plates	High density translucent	PET	48	N/A -
Porosity 1 µm					
353102	Individual inserts for 6-well plates	Transparent	PET	48	N/A -
353103	Individual inserts for 12-well plates	Transparent	PET	48	N/A -
353104	Individual inserts for 24-well plates	Transparent	PET	48	N/A -
351181	24-well Insert System	Transparent	PET	5	N/A -
351131	96-well Insert System	Transparent	PET	5	N/A -
Porosity 3 µm					
353091	Individual inserts for 6-well plates	Transparent	PET	48	N/A -
353092	Individual inserts for 6-well plates	High density translucent	PET	48	N/A -
353181	Individual inserts for 12-well plates	Transparent	PET	48	N/A -
353292	Individual inserts for 12-well plates	High density translucent	PET	48	N/A -
353096	Individual inserts for 24-well plates	Transparent	PET	48	N/A -
353492	Individual inserts for 24-well plates	High density translucent	PET	48	N/A -
351183	24-well Insert System	Transparent	PET	5	N/A -
Porosity 8 µm					
353091	Individual inserts for 6-well plates	Transparent	PET	48	N/A -
353092	Individual inserts for 6-well plates	High density translucent	PET	48	N/A -
353181	Individual inserts for 12-well plates	Transparent	PET	48	N/A -
353292	Individual inserts for 12-well plate	High density translucent	PET	48	N/A -

Accessories

Cat. No.	Description	Units/bag	Units/box	Price/box
353502	Companion cell culture plate for individual 6-well inserts	1	50	N/A -
355467	Deep Well cell culture plate to accommodate individual 6-well inserts	1	4	N/A -
353503	Companion cell culture plate for individual 12-well inserts	1	50	N/A -
353504	Companion cell culture plate for individual 24-well inserts	1	50	N/A -
353925	Plate with square wells to accommodate one 96-well insert plate with lid	5	5	N/A -
351186	Reservoir plate to accommodate the 24-well insert plate with lid	5	5	N/A -
353924	Reservoir plate to accommodate the 96-well insert plate with lid	5	5	N/A -
353938	Reservoir plate for 96-well insert plate	5	5	N/A -

Corning® Inserts: different formats

- ▶ Corning® individual inserts with 6, 12 or 24 well culture plates
- ▶ Different types of membranes, facilitating the adhesion of all cell types
- ▶ Inserts delivered positioned in the plates (attention: 12 inserts in a 24-well plate)
- ▶ Some inserts are coated to improve adhesion
- ▶ Possibility to have a Fluoroblok membrane on some items
- ▶ Transwell® technology has been widely published
- ▶ Polycarbonate: maximum diffusion for drug transport, secretion or absorption studies
- ▶ Corning® insert system in 24 or 96 well plates
- ▶ Test automation (robot compatible)
- ▶ Possibility of having a Fluoroblok™ membrane for certain items
- ▶ Some inserts are coated to improve adhesion
- ▶ Invasion, migration and angiogenesis chambers already prepared with suitable coatings



- ▶ **Fluoroblok™ technology**
- ▶ Inserts with an opaque membrane that blocks the transmission of visible light between 400 and 700 nm
- ▶ The fluorescent cells in the upper part of the insert are thus no longer visible
- ▶ The labelled cells that have crossed the membrane will be the only ones detected by fluorometry: by reader or microscope
- ▶ Avoids wasting time and the use of cotton swabs
- ▶ Enables migration or invasion kinetics to be established without destroying the insert

Cat. No.	Description	Membrane type	Membrane material	Units/box	Price/box
Porosity 0.4 µm					
003412	Individual inserts with 6-well plate	Translucent	PC	24	N/A -
003401	Individual inserts with 12-well plate	Translucent	PC	48	N/A -
003413	Individual inserts with 24-well plate	Translucent	PC	48	N/A -
003450	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
003460	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
003470	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
003491	Individual inserts with 6-well plates with collagen coating	Translucent	PTFE	24	N/A -
003493	Individual inserts with 12-well plate with collagen coating	Translucent	PTFE	24	N/A -
003495	Individual inserts with 24-well plate with collagen coating	Translucent	PTFE	24	N/A -
003396	24-well Insert System	Translucent	PC	2	N/A -
003397	24-well Insert System	Translucent	PC	12	N/A -
003379	24-well Insert System	Transparent	PET	2	N/A -
003378	24-well Insert System	Transparent	PET	12	N/A -
003381	96-well Insert System	Translucent	PC	1	N/A -
003391	96-well Insert System	Translucent	PC	5	N/A -
007369	96-well Insert System	Transparent	PET	5	N/A -
354444	Biocoat™ Individual inserts for 24-well plates with collagen I coating	Transparent	PET	24	N/A -
Porosity 1 µm					
003380	96-well Insert System	Transparent	PET	1	N/A -
003392	96-well Insert System	Transparent	PET	5	N/A -
354474	Individual inserts for Biocoat™ 24-well plates with fibrillar collagen coating	Transparent	PET	24	N/A -
Porosity 3 µm					
003414	Individual inserts with 6-well plate	Translucent	PC	24	N/A -
003402	Individual inserts with 12-well plate	Translucent	PC	48	N/A -
003415	Individual inserts with 24-well plate	Translucent	PC	48	N/A -
003420	Petri dish inserts 100 mm	Translucent	PC	12	N/A -
003452	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
003462	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
003472	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
003492	Individual inserts with 6-well plate with collagen coating	Translucent	PTFE	24	N/A -
003494	Individual inserts with 12-well plate with collagen coating	Translucent	PTFE	24	N/A -
003496	Individual inserts with 24-well plate with collagen coating	Translucent	PTFE	24	N/A -
003398	24-well Insert System	Translucent	PC	2	N/A -
003399	24-well Insert System	Translucent	PC	12	N/A -
003385	96-well Insert System	Translucent	PC	2	N/A -
003386	96-well Insert System	Translucent	PC	8	N/A -
351151	Individual inserts for 24-well plate	Fluoroblok™	PET	48	N/A -
351156	24-well Insert System	Fluoroblok™	PET	5	N/A -
351161	96-well Insert System	Fluoroblok™	PET	1	N/A -
351162	96-well Insert System	Fluoroblok™	PET	5	N/A -
354597	Individual inserts for Biocoat™ 24-well plates with fibronectin coating	Fluoroblok™	PET	24	N/A -

Corning® inserts: different formats (continued)

Cat. No.	Description	Membrane type	Membrane material	Units/box	Price/box
Porosity 3 µm					
354142	Biocoat™ 24-well insert plate with matrigel coating angiogenesis endothelial cell invasion	Fluoroblok™	PET	5	N/A -
354144	Biocoat™ 24-well insert plate with fibronectin coating endothelial cell migration	Fluoroblok™	PET	5	N/A -
354144	Biocoat™ 24-well insert plate with fibronectin coating endothelial cell migration	Fluoroblok™	PET	5	N/A -
354148	Biocoat™ 24-well insert plate with fibronectin coating endothelial cell migration	Fluoroblok™	PET	5	N/A -
Porosity 5 µm					
003421	Individual inserts with 24-well plate	Translucent	PC	48	N/A -
003387	96-well Insert System	Translucent	PC	8	N/A -
003388	96-well Insert System	Translucent	PC	2	N/A -
Porosity 8 µm					
003428	Individual inserts with 6-well plate	Translucent	PC	48	N/A -
003422	Individual inserts with 24-well plate	Translucent	PC	48	N/A -
003464	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
003374	96-well Insert System	Transparent	PET	2	N/A -
003384	96-well Insert System	Transparent	PET	8	N/A -
351152	Individual inserts for 24-well plate	Fluoroblok™	PET	48	N/A -
351157	24-well Insert System	Fluoroblok™	PET	1	N/A -
351158	24-well Insert System	Fluoroblok™	PET	5	N/A -
351163	96-well Insert System	Fluoroblok™	PET	1	N/A -
351164	96-well Insert System	Fluoroblok™	PET	5	N/A -
354481	Biocoat™ Individual insert for 6-well plate with matrigel coating invasion chamber	Transparent	PET	24	N/A -
354480	Biocoat™ Individual insert for 24-well plate with matrigel coating invasion chamber	Transparent	PET	24	N/A -
354483	Biocoat™ Individual insert for 24-well plate with matrigel coating. Reduces growth factor invasion chamber	Transparent	PET	24	N/A -
354165	Biocoat™ 24-well insert plate with matrigel coating invasion chamber	Fluoroblok™	PET	1	N/A -
354166	Biocoat™ 24-well insert plate with matrigel coating invasion chamber	Fluoroblok™	PET	5	N/A -
354167	Biocoat™ 96-well insert plate with matrigel coating invasion chamber	Fluoroblok™	PET	1	N/A -
354168	Biocoat™ 96-well insert plate with matrigel coating invasion chamber	Fluoroblok™	PET	5	N/A -

Accessories

Cat. No.	Description	Units/bag	Units/box	Price/box
003395	Reservoir for 24-well insert plate, non treated	12	48	N/A -
003382	Reservoir plate to hold the 96-well insert plate with culture treatment	10	10	N/A -
003383	Reservoir plate to hold the 96-well insert plate with media stabiliser	10	10	N/A -
003583	Black reservoir plate to hold the 96-well insert plate with culture treatment	10	10	N/A -
003783	White reservoir plate to hold the 96-well insert plate with culture treatment	10	10	N/A -
353928	Reservoir plate with square wells to hold the fluoroblok 96-well insert plate	5	5	N/A -
354216	Calcein AM Fluorescent Fluorophores Marker	-	10 x 50 µg	N/A -
354217	Fluorescent Calcein AM Fluorophores Marker	-	1 mg	N/A -
354218	Fluorophores Fluorescent marker DiIC12(3)	-	100 mg	N/A -

Snapwell™ inserts



- ▶ The Snapwell™ insert is a Transwell™ culture insert consisting of a 12mm membrane supported by a removable ring
- ▶ 2 types of membranes, polycarbonate or PET
- ▶ Once the cells have reached confluence, the ring can be placed in a vertical or horizontal diffusion chamber
- ▶ For electrophysiological or transport studies
- ▶ Sterile
- ▶ Porosity: 0.4 µm

Cat.No.	Description	Membrane material	Units/box	Price/box
003407	Snapwell™ insert for 6-well plate	PC	24	N/A -
003801	Snapwell™ insert for 6-well plate	PET	24	N/A -

Netwell™ PET inserts



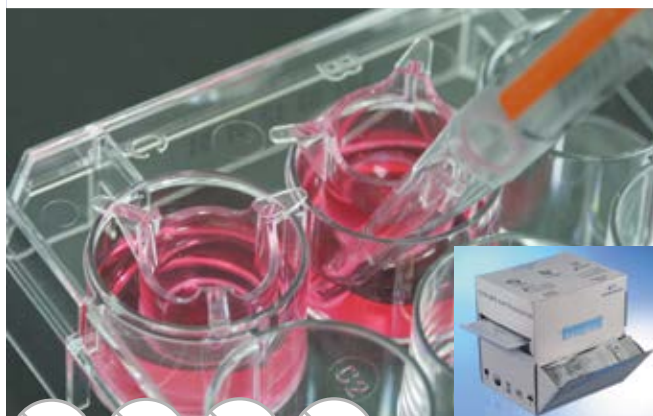
- ▶ Polystyrene inserts with a polyester mesh bottom
- ▶ Use as plates or sieves for the culture of small organs, tissue sections or explants at the air-liquid interface
- ▶ They allow coarse filtration of tissue homogenates or cell suspensions
- ▶ Very useful for immunohistochemical staining of tissue sections
- ▶ Sterile

Cat.No.	Description	Porosity (µm)	Units/box	Price/box
003477	Individual inserts for 12-well plate	74	48	N/A -
003478	Individual inserts for 12-well plate	440	48	N/A -
003479	Individual inserts for 6-well plate	74	48	N/A -
003480	Individual inserts for 6-well plate	440	48	N/A -

Accessories

Cat.No.	Description	Units/box	Price/box
003517	Netwell™ black tray	200	N/A -
003519	Netwell™ white tray	200	N/A -
003520	12-well transport system for 15 mm inserts	8	N/A -
003521	6-well transport system for 24 mm inserts	8	N/A -

Greiner Bio-One ThinCert™ Inserts



Dispenser box

- Suspended inserts for 6, 12 and 24-well microplates
- Porosity of 0.4 µm, 1 µm, 3 µm, 8 µm
- Consisting of a high transparency polystyrene cup and a porous PET capillary membrane
- Membrane with a physical surface treatment to optimise adhesion and cell growth
- Homogeneous pore size for efficient exchange between compartments and reproducible testing
- Insert can be easily eccentricated for easy pipetting without risk of contamination
- Certified Class VI USP
- Transparent: medium pore density / translucent: high pore density
- Sterilised by irradiation
- Delivered in individual blisters with the corresponding number of microplates

Cat. No.	Description	Membrane type	Membrane material	Units/box	Price/box
Porosity 0.4 µm					
657640	Individual inserts with 6-well plate	Translucent	PET	24	N/A -
657641	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
665640	Individual inserts with 12-well plate	Translucent	PET	48	N/A -
665641	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
662640	Individual inserts with 24-well plate	Translucent	PET	48	N/A -
662641	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
Porosity 1 µm					
657610	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
665610	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
662610	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
Porosity 3 µm					
657631	Individual inserts with 6-well plate	Translucent	PET	24	N/A -
657630	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
665631	Individual inserts with 12-well plate	Translucent	PET	48	N/A -
665630	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
662631	Individual inserts with 24-well plate	Translucent	PET	48	N/A -
662630	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
Porosity 8 µm					
657638	Individual inserts with 6-well plate	Translucent	PET	24	N/A -
665638	Individual inserts with 12-well plate	Translucent	PET	48	N/A -
662638	Individual inserts with 24-well plate	Translucent	PET	48	N/A -

Special accessories

ThinCert™ Deep plates for long cultures without medium change.

Cat. No.	Description	Units/bag	Units/box	Price/box
657110	Deepwell PS transparent receiver plate for individual 6-well inserts	1	50	N/A -
665110	Deepwell PS Transparent Receptor Plate for individual 12-well inserts	1	60	N/A -



Application guide available online

Nunc™ inserts

➤ Individual Nunc™ inserts for 6, 12 or 24 well culture plates

- Polycarbonate membrane for easy cell anchoring
- Inserts already positioned in the plates
- Non-toxic, non-pyrogenic
- Recoverable bags
- Grip tabs
- Sterile

➤ Plates for simultaneous handling of multiple Nunc™ inserts

- Time saving
- Limitation of handling
- Sterile



Plate for simultaneous handling of several inserts



Individual inserts

➤ Applications

- Transport: molecules, hormones, growth factors, drugs across cell barriers
- Chemotaxis: migration of cells such as eosinophils, neutrophils or macrophages
- Invasion: tumour invasion and metastasis model, invasion inhibitors and extracellular matrix effects
- Co-culture: cell-cell interaction, cell-matrix interaction or cell-substrate interaction
- Cellular engineering: angiogenesis, dermis/epidermis or epithelial tissue models

Cat. No.	Description	Membrane type	Membrane material	Inserts/plate	Inserts/box	Units/box	Price/box
Porosity 0.4 µm							
056414	Individual inserts with 6-well plate, culture area 3.14 cm ²	Translucent	PC	6	24	4	N/A -
056417	Individual inserts with 6-well plate, culture area 4.1 cm ²	Translucent	PC	6	24	4	N/A -
056411	Individual inserts with 12-well plate	Translucent	PC	12	48	4	N/A -
056408	Individual inserts with 24-well plate	Translucent	PC	12	48	4	N/A -
056740	MD12 plate (12 wells) with inserts already placed inside	Translucent	PC	12	48	4	N/A -
056736	MD24 plate (24 wells) with inserts already placed inside	Translucent	PC	24	96	4	N/A -
Porosity 3 µm							
056415	Individual inserts with 6-well plate, culture area 3.14 cm ²	Translucent	PC	6	24	4	N/A -
056418	Individual inserts with 6-well plate, culture area 4.1 cm ²	Translucent	PC	6	24	4	N/A -
056412	Individual inserts with 12-well plate	Translucent	PC	12	48	4	N/A -
056409	Individual inserts with 24-well plate	Translucent	PC	12	48	4	N/A -
056741	MD12 plate with inserts already placed inside	Translucent	PC	12	48	4	N/A -
056737	MD24 plate with inserts already placed inside	Translucent	PC	24	96	4	N/A -
Porosity 8 µm							
056416	Individual inserts with 6-well plate, culture area 3.14 cm ²	Translucent	PC	6	24	4	N/A -
056419	Individual inserts with 6-well plate, culture area 4.1 cm ²	Translucent	PC	6	24	4	N/A -
056413	Individual inserts with 12-well plate	Translucent	PC	12	48	4	N/A -
056410	Individual inserts with 24-well plate	Translucent	PC	12	48	4	N/A -
056742	MD12 plate with inserts already placed inside	Translucent	PC	12	48	4	N/A -
056738	MD24 plate with inserts already placed inside	Translucent	PC	24	96	4	N/A -

Insert plates simultaneous handling of several Nunc™ inserts, without inserts

- Adjustable vertical position of the inserts (3 positions)
- Compatible with different plate formats (Multidish, Omnitray, Bioassay plates)

Cat. No.	Description	Units/box	Price/box
056743	12-well plate without insert, MD12	4	N/A -
056739	24-well plate without insert, MD24	4	N/A -

Merck Millipore® Inserts

- ▶ Individual Millicell inserts for 6, 12 or 24 well culture plates
- ▶ PET membrane for better cell visualisation
- ▶ Eccentric geometry for easy access to the basolateral compartment
- ▶ High walls: increase the capacity of the insert and limit the risk of overflow
- ▶ Individually blister-packed, without plate
- ▶ 24-well inserts can only be used with Millicell-24 plates
- ▶ Millicell integral inserts in 24 or 96 well plates
- ▶ PET or PCF (polycarbonate) membranes
- ▶ Optical transparency of the membranes for easy cell visualisation
- ▶ Raised well edges for optimal adhesive sealing
- ▶ Large surface area of the membranes
- ▶ Unique design: pipetting channel, independent access to basal compartment



- ▶ Millicell culture chamber
- ▶ Different types of membranes Biopore (PTFE), MF (Ester cellulose), Isopore (PC)
- ▶ Membrane inserts for 6- or 24-well plates
- ▶ Improve cell differentiation
- ▶ Expand the possibilities of analyses
- ▶ Sterile

Cat. No.	Description	Membrane type	Membrane material	Units/box	Price/box
Porosity 0.4 µm					
051707B	Individual inserts for 6-well plate	Translucent	PET	48	N/A -
051706B	Individual inserts for 12-well plate	Translucent	PET	48	N/A -
051705B	Individual inserts for 24-well plate	Translucent	PET	48	N/A -
051720	24-well insert plate and 2 receiver plates (1 single-well and 1 24-well)	Transparent	PCF	1	N/A -
051721	24-Well insert plate and single-well receiver plate	Transparent	PCF	5	N/A -
053711	96-well Insert System	Transparent	PCF	1	N/A -
053713	96-well insert plate and receiver plate (1 of 96 wells)	Transparent	PCF	5	N/A -
053714	96-well insert plate and 1 single-well plate	Transparent	PCF	5	N/A -
044001	Culture chamber for 24-well plates	Translucent	PTFE	50	N/A -
044002	Culture chamber for 6-well plates	Translucent	PTFE	50	N/A -
044003	Culture chamber for 6-well plate, organotypic culture (5 mm high)	Translucent	PTFE	50	N/A -
044004	Culture chamber for 24-well plates	Translucent	Ester cellulose	50	N/A -
044005	Culture chamber for 6-well plates	Translucent	Ester cellulose	50	N/A -
044010	Culture chamber for 24-well plates	Translucent	PC	50	N/A -
044011	Culture chamber for 6-well plates	Translucent	PC	50	N/A -
Porosity 1 µm					
051710B	Individual inserts for 6-well plate	Transparent	PET	48	N/A -
051709B	Individual inserts for 12-well plate	Transparent	PET	48	N/A -
051708B	Individual inserts for 24-well plate	Transparent	PET	48	N/A -
051722	24-Well insert plate and 2 receiver plates (1 single-well and 1 of 24 wells)	Transparent	PET	1	N/A -
051723	24-well insert plate and receiver plate (1 single well)	Transparent	PET	5	N/A -
053712	96-well Insert System	Transparent	PET	1	N/A -
053715	96-well Insert System	Transparent	PET	5	N/A -
Porosity 3 µm					
051713B	Individual inserts for 6-well plate	Translucent	PET	48	N/A -
051712B	Individual inserts for 12-well plate	Translucent	PET	48	N/A -
051711B	Individual inserts for 24-well plate	Translucent	PET	48	N/A -
053854	24-Well insert plate and 2 receiver plates (1 single-well and 1 of 24 wells)	Transparent	PCF	1	N/A -
053965	24-well insert plate and receiver plate (1 of 24 wells)	Transparent	PCF	5	N/A -
044012	Culture chamber for 24-well plates	Translucent	PC	50	N/A -
Porosity 5 µm					
051716B	Individual inserts for 6-well plate	Translucent	PET	48	N/A -
051715B	Individual inserts for 12-well plate	Translucent	PET	48	N/A -
051714B	Individual inserts for 24-well plate	Translucent	PET	48	N/A -
053962	24-Well insert plate and 2 receiver plates (1 single-well and 1 of 24 wells)	Transparent	PCF	1	N/A -
053963	24-well insert plate and c plate (1 of 24 wells)	Transparent	PCF	5	N/A -
Porosity 8 µm					
051719B	Individual inserts for 6-well plate	Translucent	PET	48	N/A -
051718B	Individual inserts for 12-well plate	Translucent	PET	48	N/A -
051717B	Individual inserts for 24-well plate	Translucent	PET	48	N/A -
053960	24-Well insert plate and 2 receiver plates (1 single-well and 1 of 24 wells)	Transparent	PCF	1	N/A -
053961	24-well insert plate and receiver plate (1 of 24 wells)	Transparent	PCF	5	N/A -
Porosity 12 µm					
044014	Culture chamber for 24-well plates	Translucent	PC	50	N/A -

Accessories

Cat. No.	Description	Units/bag	Units/box	Price/box
051724	Single-well receiver plate	5	5	N/A -
051725	24-well receiver plate	5	5	N/A -

Brand® Inserts

- ▶ Brand® individual inserts (2 in 1) for 6, 12 or 24 well culture plates
- ▶ Different types of membranes to improve adhesion and exchanges (PC membrane with higher pore density)
- ▶ 2 in 1: hanging or standing use
- ▶ Individually packed or in multi-packs
- ▶ Suitable for various brands of multi-well plates
- ▶ Cellgrade plus treated membrane



- ▶ Individual inserts for BRANDplate®
- ▶ Different types of membranes to improve adhesion and exchanges (PC membrane with higher pore density)
- ▶ Choice of smooth-walled or ducted inserts
- ▶ The channels allow the membrane to be ideally positioned in relation to the culture medium, which promotes the growth, and therefore the thickness, of a tissue culture



- ▶ BRANDplate® break-off strips with 4 inserts
- ▶ Different types of membranes to improve adhesion and exchanges (PC membrane with higher pore density)
- ▶ Available independently of the plates or directly in the plates
- ▶ Sterile

Cat. No.	Description	Membrane type	Membrane material	Inserts/box	Units/box	Price/box
Porosity 0.4 µm						
145551	Individual inserts for 6-well 2-in-1 plates	Transparent	PET	1	24	N/A -
145552	Individual inserts for 6-well 2-in-1 plates	Transparent	PET	6	24	N/A -
145543	Individual inserts for 12-well 2-in-1 plates	Transparent	PET	1	48	N/A -
145544	Individual inserts for 12-well 2-in-1 plates	Transparent	PET	9	48	N/A -
145531	Individual inserts for 24-well 2-in-1 plates	Transparent	PET	1	48	N/A -
145532	Individual inserts for 24-well 2-in-1 plates	Transparent	PET	12	48	N/A -
145547	Individual inserts for 6-well 2-in-1 plates	Translucent	PC	1	24	N/A -
145548	Individual inserts for 6-well 2-in-1 plates	Translucent	PC	6	24	N/A -
145539	Individual inserts for 12-well 2-in-1 plates	Translucent	PC	1	48	N/A -
145540	Individual inserts for 12-well 2-in-1 plates	Translucent	PC	9	48	N/A -
145535	Individual inserts for 24-well 2-in-1 plates	Translucent	PC	1	48	N/A -
145536	Individual inserts for 24-well 2-in-1 plates	Translucent	PC	12	48	N/A -
145562	Smooth wall Individual inserts for BRANDplate®	Translucent	PC	1	48	N/A -
674393	Smooth wall Individual inserts for BRANDplate®	Transparent	PET	1	48	N/A -
145567	Individual inserts with channels for BRANDplate®	Translucent	PC	1	48	N/A -
145568	Individual inserts with channels for BRANDplate®	Transparent	PET	1	48	N/A -
145573	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145574	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Transparent	PET	1	12	N/A -
145579	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145580	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Transparent	PET	1	12	N/A -
145585	BRANDplate® 6 wells with 6 strips of 4 inserts, smooth wall	Translucent	PC	1	5	N/A -
145586	BRANDplate® 6 wells with 6 strips of 4 inserts, smooth wall	Transparent	PET	1	5	N/A -
145591	BRANDplate® 6 wells with 6 strips of 4 inserts, with channels	Translucent	PC	1	5	N/A -
145592	BRANDplate® 6 wells with 6 strips of 4 inserts, with channels	Transparent	PET	1	5	N/A -

Porosity 1 µm

145563	Smooth wall Individual inserts for BRANDplate®	Translucent	PC	1	48	N/A -
145569	Individual inserts with channels for BRANDplate®	Translucent	PC	1	48	N/A -
145575	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145581	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145587	BRANDplate® 6 wells with 6 strips of 4 smoothwall inserts	Translucent	PC	1	5	N/A -
145593	BRANDplate® 6 wells with 6 strips of 4 inserts with channels	Translucent	PC	1	5	N/A -

Porosity 3 µm

145564	Smooth wall Individual inserts for BRANDplate®	Translucent	PC	1	48	N/A -
145570	Individual inserts with channels for BRANDplate®	Translucent	PC	1	48	N/A -
145576	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145582	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145588	BRANDplate® 6 wells with 6 strips of 4 smoothwall inserts	Translucent	PC	1	5	N/A -
145594	BRANDplate® 6 wells with 6 strips of 4 inserts with channels	Translucent	PC	1	5	N/A -

Porosity 8 µm

145553	Individual inserts for 6-well 2-in-1 plates	Transparent	PET	1	24	N/A -
145554	Individual inserts for 6-well 2-in-1 plates	Transparent	PET	6	24	N/A -
145543	Individual inserts for 12-well 2-in-1 plates	Transparent	PET	1	48	N/A -
145544	Individual inserts for 12-well 2-in-1 plates	Transparent	PET	9	48	N/A -
145533	Individual inserts for 24-well 2-in-1 plates	Transparent	PET	1	48	N/A -

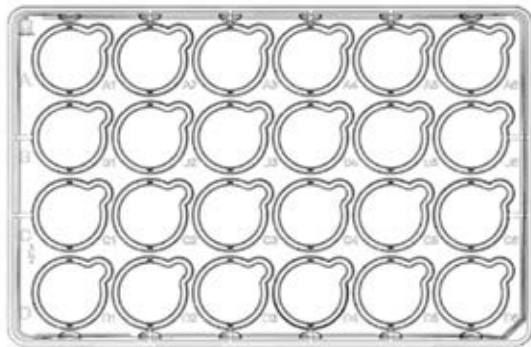


BRAND

Brand® Inserts (continued)

Cat. No.	Description	Membrane type	Membrane material	Inserts/box	Units/box	Price/box
Porosity 8 µm						
145534	Individual inserts for 24-well 2-in-1 plates	Transparent	PET	12	48	N/A -
145549	Individual inserts for 6-well 2-in-1 plates	Translucent	PC	1	24	N/A -
145550	Individual inserts for 6-well 2-in-1 plates	Translucent	PC	6	24	N/A -
145541	Individual inserts for 12-well 2-in-1 plates	Translucent	PC	1	48	N/A -
145542	Individual inserts for 12-well 2-in-1 plates	Translucent	PC	9	48	N/A -
145537	Individual inserts for 24-well 2-in-1 plates	Translucent	PC	1	48	N/A -
145538	Individual inserts for 24-well 2-in-1 plates	Translucent	PC	12	48	N/A -
145565	Individual inserts for BRANDplate®, smooth wall	Translucent	PC	1	48	N/A -
145566	Individual inserts for BRANDplate®, smooth wall	Transparent	PET	1	48	N/A -
145571	Individual inserts for BRANDplate®, with channels	Translucent	PC	1	48	N/A -
145572	Individual inserts for BRANDplate®, with channels	Transparent	PET	1	48	N/A -
145577	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145578	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Transparent	PET	1	12	N/A -
145583	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145584	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Transparent	PET	1	12	N/A -
145589	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	5	N/A -
145590	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Transparent	PET	1	5	N/A -
145595	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	5	N/A -
145596	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Transparent	PET	1	5	N/A -

Two types of BRANDplate®



- Puregrade™: non treated
- Cellgrade™: treated culture

Cat.No.	Description	Units/bag	Units/box	Price/box
674374	Receiver Plate BRANDplate® Puregrade™ S with 24 wells	1	10	N/A -
145559	Receiver Plate BRANDplate® Puregrade™ S with 6 wells (4 connected wells)	1	10	N/A -
145560	Receiver Plate BRANDplate® Cellgrade™ plus with 24 wells	1	10	N/A -
145561	Receiver Plate BRANDplate® Cellgrade™ plus with 6 wells (4 connected wells)	1	10	N/A -



SPL co-culture dishes



- Polystyrene boxes with a nylon membrane
- Membrane thickness: 10 or 23 µm
- Porosity: 23 µm
- Sterile



Cat. No.	Int. dim. Ø x h (mm)	Ext. dim. Ø x h (mm)	Surface of culture (cm²)	Vol. of work (ml)	Grip external	Units/bag	Units/box	Price/box
330086	52.8 x 12.8	60 x 15	21.5	5	Yes	10	20	N/A -
330087	86.26 x 17.7	100 x 20	57.5	12.5	No	10	20	N/A -

Boost your 2D and 3D cell cultures with IVTECH solutions



New *in vitro* test method to get closer to the environment and physiology *in vivo*. Patented "Organ-on-a-Chip" culture chamber technology for dynamic cell cultures thanks to the continuous flow of medium to the cultures. Easy to implement and optimal oxygen and nutrient exchange and reagent injection.

LiveBox 1 technology

- ▶ Transparent culture chamber with a removable glass culture plate on which adherent cell cultures or tissues are placed (e.g. biopsies)
- ▶ Bioreactor with a continuous flow of medium or reagents
- ▶ Different formats 6, 12 or 24 wells



Single flow configuration: 1 flow tangential to the cells

Applications

- ▶ Real-time and non-real-time imaging analysis of 2D and 3D cultures
- ▶ Analysis of the effects of a drug on a cell culture in a dynamic and physiological way
- ▶ The starter kit includes everything needed to start the experiments: LB1 with clamp, tubes, connectors and mixing chambers

Cat. No.	Description	Price
395500	LIVEBOX1 Kit	N/A -
395503	LIVEBOX1-6 Kit	N/A -
395505	LIVEBOX1-12 Kit	N/A -



LiveBox 2 technology

- ▶ Two connected transparent culture chambers into which a specific culture insert or membrane can be placed
- ▶ Bioreactor with several possibilities of media flow to adapt to different research protocols (air/liquid, liquid/liquid method...)
- ▶ Different insert sizes for 6, 12 or 24 wells

Two configurations



Tangential flows configuration: 2 parallel flows for tangential stimulation of the cells seeded onto the membrane



Perfusion configuration: 1 flow which perfuses the cells construct in vertical direction (2 sub-configurations: Top-down, or down-top directions)

Tangential flow configuration:

for the study of physiological barriers, the apical and basal poles are perfused by 2 independent flows parallel to the membrane.

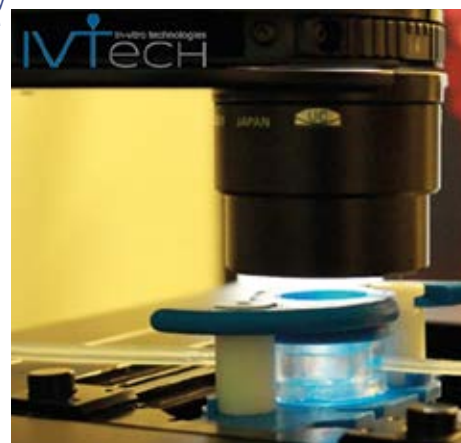
Flow configuration in infusion:

for the 3D study, with the flow lines running vertically through the cells. Two types of configurations can be chosen.

Applications

- ▶ Possibility of studying different types of cells or tissues from different organs (liver, intestine, lung, skin...) which can be interconnected by linking the LiveBoxes to evaluate the effects of their exchanges in the same environment
- ▶ 3D suspension cell culture, ALI method culture..
- ▶ Simulation of physiological barriers by creating *anin vivo* environment
- ▶ The starter kit includes everything needed to start the experiments: LB2 with clamp, porous membranes, tubes, connectors and mixing chambers

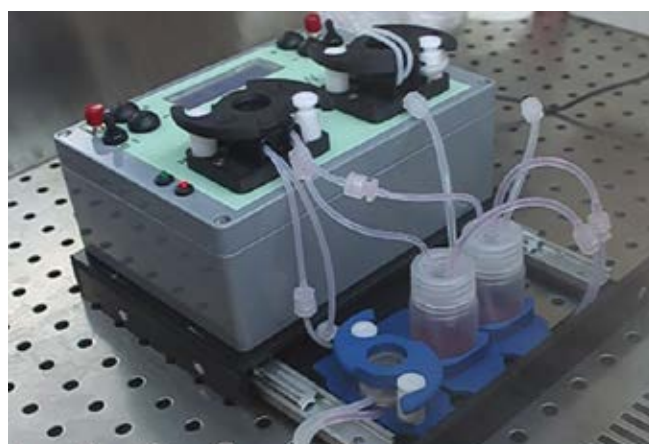
Cat. No.	Description	Price
395501	LIVEBOX2 Kit	N/A -
395502	LIVEBOX2-24ISA Kit	N/A -
395504	LIVEBOX2-6T Kit	N/A -



LiveFlow peristaltic pump

- ▶ Compact pump to be placed inside the incubator to start dynamic cultures and keep temperature and CO₂ percentage conditions controlled
- ▶ Best way to reproduce experimental conditions close to their *in vivo* environment
- ▶ Flow rates ranging from 50 µl/min to 500 µl/min
- ▶ 2 heads and 4 independent fluid circuits

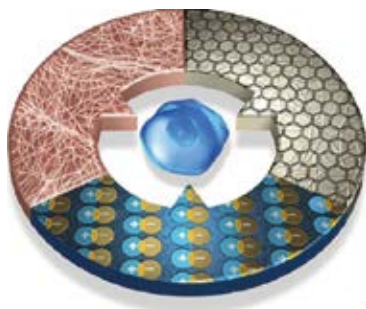
Cat. No.	Description	Price
395506	LiveFlow peristaltic pump	N/A -



Many additional products for this range on our website, contact us directly



Which is the best cellware for your adherent cell culture?



1) Choice of the type of cellware

When you want to work in 2 dimensions on this type of cell, the first step is to select the type of cellware. We have a choice between Petri dishes, flasks, plates, culture chambers, rollers....

The choice will depend mainly on the number of cells to be cultivated, the culture environment, the ideal physiology, but also the working habits.

2) Choice of treatment

Once you have selected the cellware, there is still a wide choice. It will depend on the type of cells, their origin (primary culture or cell lines), the type of research (cell activity, differentiation...) and the purpose of your work.

➤ There are 3 main types of treatments, but all of them can play an important role in the attachment of your precious cells:

- **synthetic treatments** : modification of the surface of the plastic in order to add various charges (positive, negative, a mixture of both...). Treated culture, CellBind™, Cellstar® Advanced TC™, Nuclon®...

- **Natural coating treatments** : self-deposition of matrices or plates directly coated by extracellular matrices such as collagen, fibronectin, Poly-D-Lysine, matrigel...

- **Mimetic treatments** : plates optimised by the presence of synthesised proteins that are on the surface. Proteins that can mimic certain matrix anchors such as collagen or fibronectin.

Avoiding biological variables is essential for certain projects and drugs in cell or gene therapy (e.g., Purecoat™, Synthemax®...)

Cell culture flasks

➤ Standard cap

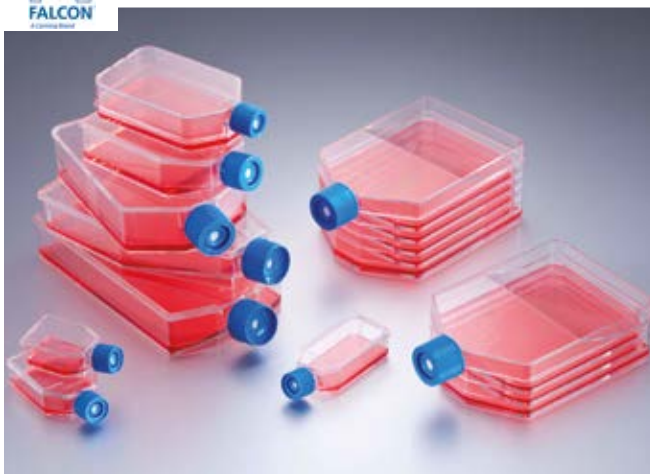
➤ When closed, it ensures that the flask is air and liquid tight. In a semi-open position, it allows gas exchange

➤ Filter cap

➤ With hydrophobic membrane of 0.2 µm porosity. When the cap is closed it allows gas exchange while reducing the risk of contamination



Falcon® standard cell culture flasks



➤ Wide range of surfaces from 12.5 cm² to 875 cm²

➤ Sterile (gamma irradiation)

➤ Frosted marking surface

➤ Volumetric gradations

➤ Double packaging

➤ Corning Primaria®

➤ A surface treatment that promotes the attachment and proliferation of cell types that are difficult to grow on a traditional culture plate. The surface treatment is stable over time and homogeneous, particularly suitable for neuronal, endothelial or tumour cells

➤ PureCoat™ Amine

➤ Suitable for cells that exhibit weak attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: primary neuronal cells, transfected cells (e.g., HEK-293) or cell lines such as PC12, HepG2

➤ Alternative to biological coatings - animal-free surface

➤ Stable surface 18 months from date of manufacture

➤ PureCoat™ Carboxyl

➤ Suitable for cells that show poor attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: boxiomyocytes (rat, mouse), keratinocytes (rat), PC12, HT-1080, MCR-5

➤ Alternative to biological coatings - animal-free surface

➤ Stable surface 18 months from date of manufacture

➤ ECM Mimetic Fibronectin Peptide

➤ A surface that contains synthetic, biologically active peptides that mimic the cellular attachment usually promoted by extracellular matrix proteins. Suitable for primary cells, stem cells



➤ Corning BioCoat™

➤ 2D or monolayer cell culture often uses extracellular matrix proteins to mimic the natural environment of adherent cells.

➤ Standard cell culture plates are then coated with extracellular matrix proteins (Collagen Type I, Fibronectin, Laminin) or synthetic proteins (Poly-D- and Poly-L-Lysine). This allows for better cell adhesion, growth and differentiation.

➤ These coated plates are ideally suited for cell cultures in serum-free media and for protocols involving additional wash steps or stressful steps, e.g. transfection

➤ The choice of coating to be used depends on the cells to be cultured and therefore on the composition of the extracellular matrix *in vivo* for these cells

See Cat. No. on next page

Falcon® standard cell culture flasks

Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 12.5 cm²						
353018	Canted	Standard	TC	10	100	N/A -
353107	Canted	Filter	TC	10	100	N/A -
Surface area 25 cm²						
353014	Canted	Standard	TC	20	200	N/A -
353108	Canted	Filter	TC	20	100	N/A -
353813	Canted	Standard	Primaria®	20	200	N/A -
353808	Canted	Filter	Primaria®	10	100	N/A -
354484	Canted	Filter	Collagen I	10	10	N/A -
356484	Canted	Filter	Collagen I	10	50	N/A -
354536	Canted	Filter	Poly-D-Lysine	10	10	N/A -
356536	Canted	Filter	Poly-D-Lysine	10	50	N/A -
Surface area 25 cm² - easy access						
353082	Canted	Standard	TC	20	200	N/A -
353109	Canted	Filter	TC	20	100	N/A -
Surface area 75 cm²						
353024	Straight	Standard	TC	5	100	N/A -
353110	Straight	Filter	TC	5	100	N/A -
353824	Straight	Standard	Primaria®	5	100	N/A -
353810	Straight	Filter	Primaria®	5	100	N/A -
354726	Canted	Filter	Purecoat™ Amine	5	5	N/A -
354778	Canted	Filter	Purecoat™ Carboxyl	5	5	N/A -
356242	Canted	Filter	ECM Mimetic	1	10	N/A -
354485	Canted	Filter	Collagen I	5	5	N/A -
356485	Canted	Filter	Collagen I	5	50	N/A -
354523	Canted	Standard	Collagen IV	5	10	N/A -
354521	Canted	Standard	Fibronectin	5	10	N/A -
356488	Canted	Filter	Gelatin	5	50	N/A -
354537	Canted	Filter	Poly-D-Lysine	10	10	N/A -
356537	Canted	Filter	Poly-D-Lysine	10	50	N/A -

Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 75 cm² - easy access						
353135	Canted	Standard	TC	5	60	N/A -
353136	Canted	Filter	TC	5	60	N/A -
Surface area 150 cm²						
355000	Canted	Standard	TC	5	40	N/A -
355001	Canted	Filter	TC	5	40	N/A -
354486	Canted	Filter	Collagen I	5	5	N/A -
356486	Canted	Filter	Collagen I	5	40	N/A -
354538	Canted	Filter	Poly-D-Lysine	5	5	N/A -
356538	Canted	Filter	Poly-D-Lysine	5	40	N/A -
Surface area 175 cm²						
353028	Straight	Standard	TC	5	40	N/A -
353112	Straight	Filter	TC	5	40	N/A -
354728	Straight	Filter	Purecoat™ Amine	5	5	N/A -
354780	Straight	Filter	Purecoat™ Carboxyl	5	5	N/A -
356243	Straight	Filter	ECM Mimetic	1	10	N/A -
354487	Straight	Filter	Collagen I	5	5	N/A -
354539	Straight	Filter	Poly-D-Lysine	5	5	N/A -
356539	Straight	Filter	Poly-D-Lysine	5	40	N/A -
Surface area 225 cm²						
353139	Canted	Standard	TC	5	30	N/A -
353138	Canted	Filter	TC	5	30	N/A -



Falcon® multi-layer cell culture flasks

- ▶ Treated cell culture
- ▶ Available in:
 - 3 layers- 525 cm² growth area
 - and 5 layers - 875 cm² growth area
- ▶ Maximum 50 ml of medium per layer
- ▶ Homogeneous distribution of the culture medium and cells on the different layers for homogeneous cell growth
- ▶ Batch number printed on each flask to ensure traceability
- ▶ Manufacture to cGMP standards
- ▶ Available with PureCoat surface treatment
- ▶ Straight neck

Cat.No.	Surface area in cm ²	Cap Type	Treatment	Units/bag	Units/box	Price/box
3 layers						
353143	525	Filter	TC	1	12	N/A -
356244	525	Filter	Purecoat peptide fibronectin	1	8	N/A -
356274	525	Filter	Purecoat collagen I peptide	1	8	N/A -
5 layers						
353144	875	Filter	TC	1	8	N/A -
356245	875	Filter	Purecoat peptide fibronectin	1	6	N/A -
356275	875	Filter	Purecoat collagen I peptide	1	6	N/A -



Corning® standard cell culture flasks



430372



00430641U / 0043720U / 00430725U



431081



0043106

- > In polystyrene
- > Sterilised by gamma irradiation SAL 10⁻⁵
- > Certified non-pyrogenic
- > Endotoxins Tested < 0.1 EU/ml
- > **CellBIND® Surface**
- > Surface treatment with negative charges, more hydrophilic surface for better cell attachment, which facilitates proliferation

Cat. No.	Type of Flask	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	Price/ box
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Surface area 25 cm²

430168	Rectangular	Canted	Standard	TC	20	500	N/A -
430372	Rectangular	Canted	Phenolic	TC	20	500	N/A -
430639	Rectangular	Canted	Filter	TC	20	500	N/A -
003289	Rectangular	Canted	Filter	CellBIND®	20	200	N/A -

Surface area 75 cm²

00430720U	U-Shaped	Canted	Standard	TC	5	100	N/A -
00430641U	U-Shaped	Canted	Filter	TC	5	100	N/A -
00430725U	U-Shaped	Canted	Phenolic	TC	5	100	N/A -
003290	U-Shaped	Canted	Filter	CellBIND®	5	100	N/A -

Surface area 150 cm²

430823	U-Shaped	Canted	Standard	TC	5	50	N/A -
430824	U-Shaped	Canted	Phenolic	TC	5	50	N/A -
430825	U-Shaped	Canted	Filter	TC	5	50	N/A -
003291U	U-Shaped	Canted	Filter	CellBIND®	5	50	N/A -

Surface area 175 cm²

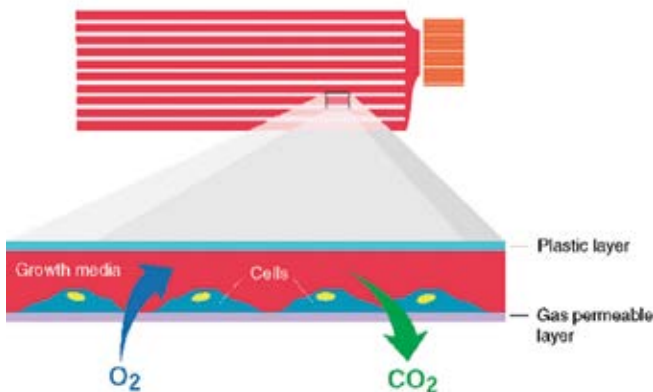
431079	U-Shaped	Angled	Standard	TC	5	50	N/A -
431080	U-Shaped	Angled	Filter	TC	5	50	N/A -
431085	U-Shaped	Angled	Phenolic	TC	5	50	N/A -
00431306*	Rectangular	Angled	Filter	TC	7	84	N/A -
00431328*	Rectangular	Angled	Filter	CellBIND®	7	84	N/A -

Surface area 225 cm²

431081	Rectangular	Angled	Standard	TC	5	25	N/A -
431082	Rectangular	Angled	Filter	TC	5	25	N/A -
003293	Rectangular	Angled	Filter	CellBIND®	5	25	N/A -

* Barcoded flasks, validated for use with the Selec T™ robotic system

Corning® HYPERFlask® multi-layer cell culture flasks



0010024

- > Sterile
- > 10 interconnected trays in one flask
- > Footprint of a 175 cm² flask
- > Gas-permeable cultivation surface
- > Bar code
- > Reduce space in the incubator
- > High cell yield

Cat. No.	Surface area (cm ²)	Cap Type	Treatment	Units/ bag	Units/ box	Price/ box
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HYPERFlask® M specially designed for manual use

0010030	1720	Standard	CellBIND®	1	4	N/A -
0010020	1720	Standard	CellBIND®	4	4	N/A -
0010034	1720	Standard	CellBIND®	4	24	N/A -

HYPERFlask® - select T robotic system

0010024	1720	Standard	CellBIND®	4	24	N/A -
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Polyethylene cap for HYPERFlask®

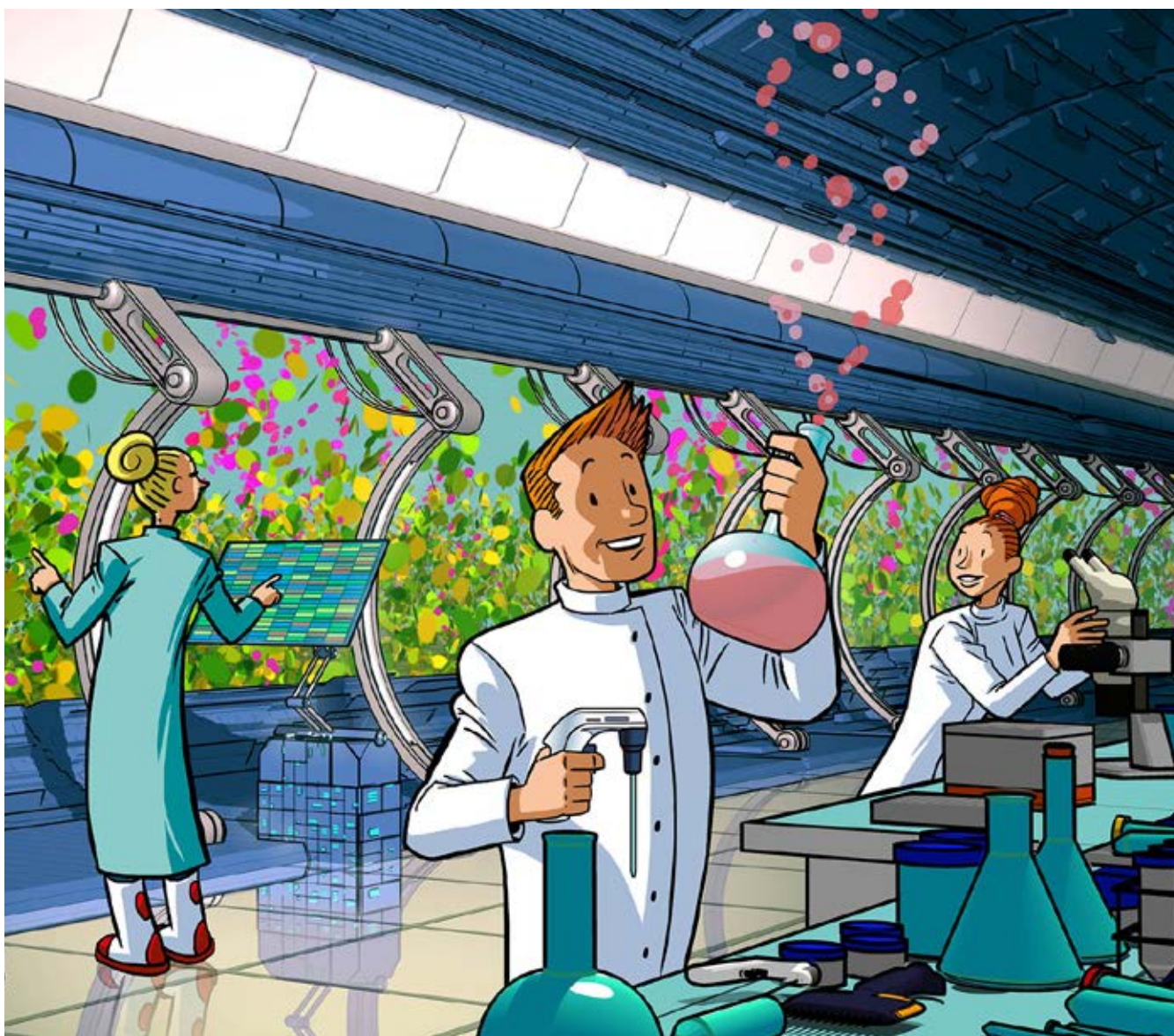
Cat. No.	Description	Units/ bag	Units/ box	Price/ box
0010035	Polyethylene cap, non-vented, sterile, Ø 33 mm for HYPERFlask®	1	4	N/A -

Corning® CellSTACK® culture chambers

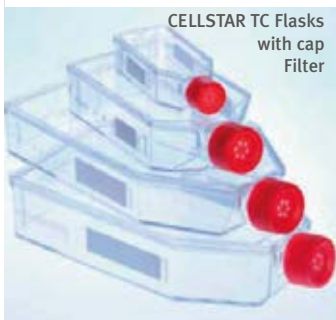
- Five sizes: from 1-stack (636 cm²) to 40-stacks (25 440 cm²)
- Several surface treatments available: standard cell culture treatment, Corning CellBIND® surface for improved cell adhesion, or ULA (Ultra-Low Attachment) surface for minimal cell adhesion
- Sterile
- Non-pyrogenic
- Manufactured in the USA under GMP conditions
- Easy to use
- Wide opening with filter cap
- Format can be automated
- **Corning CellBIND® surface**
 - Ideal for reducing the addition of serum
 - Better attachment for better cell performance
- **ULA (Ultra-Low Attachment) surface: see chapter 3D**



Cat. No.	Surface area (cm ²)	Number of trays	Treatment	Units/bag	Units/box	Price/box
003268	636	1	TC	1	8	N/A -
003330	636	1	CellBIND®	1	8	N/A -
003269	1272	2	TC	1	5	N/A -
003310	1272	2	CellBIND®	1	5	N/A -
003313	3180	5	TC	1	8	N/A -
003319	3180	5	TC	1	2	N/A -
003311	3180	5	CellBIND®	1	2	N/A -
003270	6360	10	TC	1	2	N/A -
003271	6360	10	TC	1	6	N/A -
003312	6360	10	CellBIND®	1	2	N/A -
003320	6360	10	CellBIND®	1	6	N/A -
003272	25440	40	TC	1	2	N/A -
003321	25440	40	CellBIND®	1	8	N/A -



CELLSTAR Treated Culture (TC) or Advanced TC™ Greiner Bio-One flasks



- ▶ **Standard cap**
- ▶ **Double position for cell ventilation with visual control**
- ▶ **Filter cap**
- ▶ **PET membrane: Fully hydrophobic PTFE prevents the filter from wetting, optimum gas exchange**



▶ **For adherent cells with different surfaces and treatments**

- ▶ **TC-Treated**
- ▶ **Standard physical surface treatment for adherent cells**
- ▶ **Advanced TC™**
- ▶ **Advanced chemical surface treatment for sensitive cells, primary cells or cells placed in restrictive culture conditions (e.g. less serum)**
- ▶ **Optimised geometry for optimal access of scrapers and pipettes**
- ▶ **Side grading for easy filling**
- ▶ **Stacking rib**
- ▶ **Peelable sterile packaging**



CELLCOAT®

- ▶ **Perfectly suited for primary cells, sensitive lines or any cells placed under stress (no serum, transfection, numerous washes, etc.)**
- ▶ **Also allow, for certain cells, a better differentiation**

- ▶ **Ready to use**
- ▶ **Non-cytotoxic**
- ▶ **Poly-Lysine and Collagen I storable at room temperature**
- ▶ **Strict control of raw materials, consistent quality**

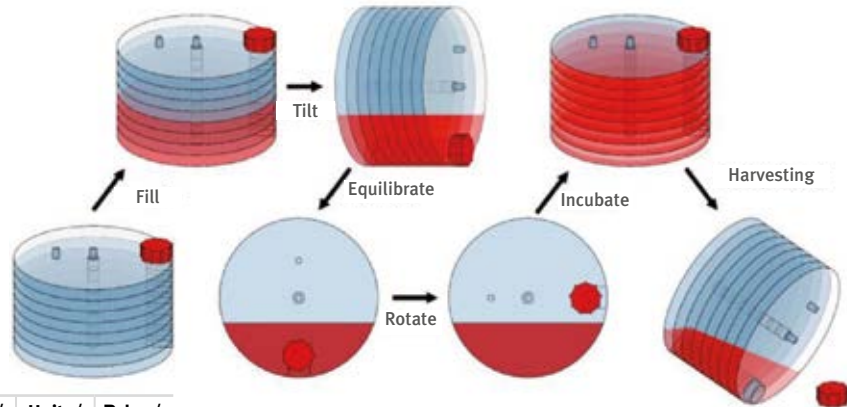
Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 25 cm²						
690160	Canted	Standard	TC	20	200	N/A -
690960	Canted	Standard	Advanced TC	10	200	N/A -
690170*	Canted	Standard	TC	20	200	N/A -
690175	Canted	Filter	TC	20	200	N/A -
690975	Canted	Filter	Advanced TC	10	200	N/A -
690950	Canted	Filter	Collagen I	10	50	N/A -
690920	Canted	Filter	Fibronectin	10	10	N/A -
690910	Canted	Filter	Laminin	10	10	N/A -
690940	Canted	Filter	Poly-D-Lysine	10	50	N/A -
Surface area 75 cm²						
658170	Canted	Standard	TC	5	120	N/A -
658970	Canted	Standard	Advanced TC	5	120	N/A -
658175	Canted	Filter	TC	5	120	N/A -
658975	Canted	Filter	Advanced TC	5	120	N/A -
658950	Canted	Filter	Collagen I	5	50	N/A -
658920	Canted	Filter	Fibronectin	10	10	N/A -
658910	Canted	Filter	Laminin	10	10	N/A -
658940	Canted	Filter	Poly-D-Lysine	5	50	N/A -

Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 175 cm² - low profile/working volume up to 45 ml						
660160	Canted	Standard	TC	5	50	N/A -
660960	Canted	Standard	Advanced TC	5	50	N/A -
660175	Canted	Filter	TC	5	50	N/A -
660975	Canted	Filter	Advanced TC	5	50	N/A -
Surface area 175 cm² - high shape/working volume up to 85 ml						
661160	Canted	Standard	TC	4	40	N/A -
661960	Canted	Standard	Advanced TC	4	40	N/A -
661175	Canted	Filter	TC	4	40	N/A -
661975	Canted	Filter	Advanced TC	4	40	N/A -
661950	Canted	Filter	Collagen I	5	40	N/A -
661920	Canted	Filter	Fibronectin	5	5	N/A -
661940	Canted	Filter	Poly-D-Lysine	5	40	N/A -

* Gridded bottom

Greiner Bio-One CELLdisc™ Culture Chambers

- Polystyrene disc, HDPE cap
- Cylindrical shape minimises edge effects: surface/volume ratio optimised by 40% compared to a traditional device
- Central channel for gas exchange
- 38 mm wide opening with screw cap, 2 colours depending on the treatment: **Red: TC** **Blue: advanced TC**
- Sterile, single use
- Compatible with closed system cultivation and bioproduction



Cat.No.	Surface area (cm ²)	Number of trays	Working volume (ml)	Treatment	Units/bag	Units/box	Price/box
073053	250	1	70	TC	1	8	N/A -
073049	1000	4	270-300	TC	1	4	N/A -
678904	1000	4	270-300	Advanced TC	1	4	N/A -
073050	2000	8	540-600	TC	1	3	N/A -
678908	2000	8	540-600	Advanced TC	1	3	N/A -
073051	4000	16	1080-1200	TC	1	2	N/A -
678916	4000	16	1080-1200	Advanced TC	1	2	N/A -
073052	10000	40	2700-3000	TC	1	1	N/A -
678940	10000	40	2700-3000	Advanced TC	1	1	N/A -



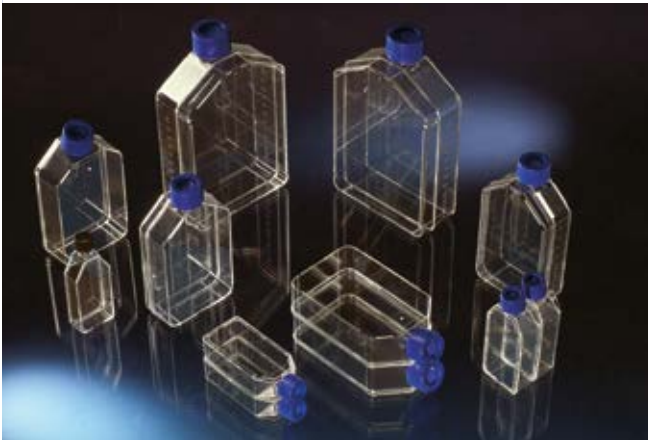
Accessories

- **CELLlevator**: allows stacking of CELLdiscs in the incubator to optimise the surface
- **CELLstage**: allows the correct positioning of the CELLdiscs for easy filling (even for multi-layer CELLdiscs)
- **CELLhandle Gripper**: for handling and transporting CELLdiscs
- **CELLring**: plate with spirit level, to ensure total flatness of the CELLdiscs

Cat. No.	Description	Units/bag	Units/box	Price/box
878071	CELLlevator	1	9	N/A -
878072	CELLstage for CELLdisc 4 to 24 layers	1	1	N/A -
878073	CELLstage for CELLdisc 40 layers	1	1	N/A -
878074	CELLhandle Gripper	1	1	N/A -
878075	CELLring	1	3	N/A -



Nunc™ cell culture flasks



Easy Flask Nunc™ cell culture flasks

- With wide canted neck, for full access to the cells with a scraper, very quick closure and screen-printed graduation

Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 25 cm²						
055400	Canted	Standard	TC	10	200	N/A -
055401	Canted	Filter	TC	10	200	N/A -
056393	Canted	Filter	Collagen I	10	60	N/A -
056390	Canted	Filter	Poly-D-Lysine	10	60	N/A -
Surface area 75 cm²						
055402	Canted	Standard	TC	5	100	N/A -
055403	Canted	Filter	TC	5	100	N/A -
056394	Canted	Filter	Collagen I	5	30	N/A -
056391	Canted	Filter	Poly-D-Lysine	5	30	N/A -
Surface area 175 cm²						
055405	Canted	Standard	TC	5	30	N/A -
055404	Canted	Filter	TC	5	30	N/A -
056395	Canted	Filter	Collagen I	5	30	N/A -
056392	Canted	Filter	Poly-D-Lysine	5	30	N/A -
Surface area 225 cm²						
056241	Canted	Standard	TC	5	30	N/A -
056242	Canted	Filter	TC	5	30	N/A -

- Nunclon Delta surface treated for cell culture
- Sterilised by gamma rays
- Standard vented cap or filter cap

Nunc™ Standard cell culture flasks

Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 25 cm²						
055409	Canted	Standard	TC	20	160	N/A -
055422	Canted	Filter	TC	20	160	N/A -
Surface area 80 cm²						
055410	Straight	Standard	TC	5	50	N/A -
055423	Straight	Filter	TC	5	50	N/A -
Surface area 175 cm²						
055421	Straight	Standard	TC	1	32	N/A -
056788	Straight	Standard	TC	4	32	N/A -
055425	Straight	Filter	TC	1	32	N/A -
056789	Straight	Filter	TC	4	32	N/A -
Surface area 175 cm² with barcode 128						
056468	Straight	Filter	TC	1	32	N/A -
056784	Straight	Filter	TC	4	32	N/A -

Nunc™ T300 cell culture flasks



- Blown in soft and resistant plastic, ergonomic design for a better grip

Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 300 cm²						
056834	Straight	Standard	TC	1	12	N/A -
056835	Straight	Filter	TC	1	12	N/A -

Replacement caps for flasks

Individual sterile packaging.

For flask	80 cm ²		175 and 225 cm ²	
	Cat.No.	Price/100 units	Cat.No.	Price/100 units
Standard cap	055451	N/A -	055453	N/A -
Filter cap	055452	N/A -	055454	N/A -
White filter cap	-	-	056447	N/A -

Nunc™ 3-layer cell culture flasks



A 3-level culture flask with a culture surface of 500 cm² in a volume equivalent to that of a 175 cm² flask, thanks to the presence of three internal trays.

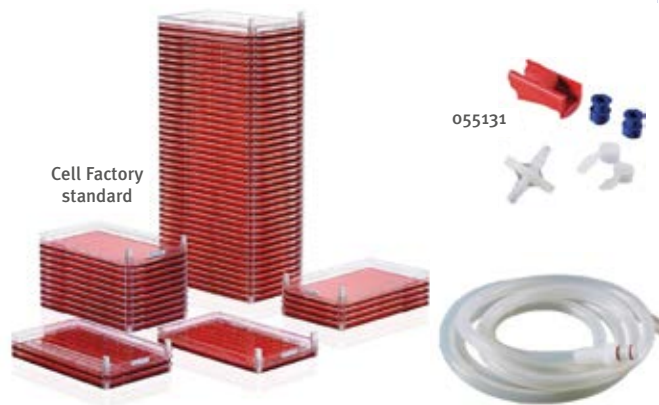
- Recommended volume: 200 ml
- Gamma sterilised
- Easy to use: simply fill the flask until the medium is evenly distributed in each compartment and lay the flask down to incubate

Cat. No.	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 500 cm²					
055045	Standard	TC	1	32	N/A -
056786	Standard	TC	4	32	N/A -
055046	Filter	TC	1	32	N/A -
056787	Filter	TC	4	32	N/A -
Surface area 500 cm² with barcode					
056437	Filter	TC	1	32	N/A -
056785	Filter	TC	4	32	N/A -

Nunc™ Cell Factory® culture chambers

Intensive cell culture unit consisting of superimposed trays of transparent polystyrene treated for culture.

- > Ideal for scale up
- > Space and time saving
- > Parallel culture chambers communicating over the height by 2 vertical ducts, one equipped with a hydrophobic 0.2 µm filter for aeration, the other for filling and emptying in aseptic condition
- > Equal distribution per chamber according to the principle of communicating vessels
- > Nunclon surface treatment, gamma sterilised, individually wrapped
- > Harvesting of cells by trypsinisation
- > Drainage through a connecting tube
- > Dimensions L x W: 335 x 205 mm



Accessories for Cell Factory® standard

Cat. No.	Description	Units/box	Price/box
056780	HDPE closure caps	40	N/A -
055132	PTFE connection fitting (for draining and filling)	10	N/A -
056420	Polycarbonate fitting	10	N/A -
055469	1 µm vent filter	1	N/A -

Cell Factory® standard

Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	H. (mm)	Units/bag	Units/box	Price/box
055124	632	1	180	37	1	8	N/A -
055125	1264	2	360	52	1	6	N/A -
056194	2528	4	720	90	1	10	N/A -
055126	6320	10	1800	190	1	2	N/A -
055127	6320	10	1800	190	1	6	N/A -
055128	25280	40	7200	695	1	2	N/A -

Cell Factory® EasyFill®

- > Space saving
- > One Cell factory Easy fill 10 trays corresponds to 36 T175 vials
- > Easy to fill and empty, ready to use, no accessories needed
- > Dimensions L x W: 335 x 205 mm

Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	H. (mm)	Units/bag	Units/box	Price/box
056440	630	1	200	35	1	6	N/A -
056442	1260	2	400	53	1	6	N/A -
056443	2520	4	800	87	1	4	N/A -
056705	6300	10	2000	190	1	2	N/A -

Accessory for Cell Factory EasyFill™

Cat. No.	Description	Units/box	Price/box
056420	Polycarbonate fitting	40	N/A -



High density Cell Factory



High density Cell Factory®

- > 30% more surface area and output within the standard footprint of the Nunc™ Cell Factory® system
- > Yields may vary depending on the cell type being grown
- > Productivity improvement
- > Dimensions L x W: 335 x 205 mm

Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	H. (mm)	Units/bag	Units/box	Price/box
056903	1896	3	450-600	54	1	4	N/A -
056904	8216	13	1950-2600	186	1	3	N/A -
056905	32864	52	7800-10400	698	1	1	N/A -



Cell Factory® with active gassing

- > Creates an ideal environment for the cultivation of pH sensitive and oxygen consuming cells
- > Ensures a controlled and uncontaminated atmosphere on each tray
- > Homogeneous distribution of the user-specified gas mixture

Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	H. (mm)	Units/bag	Units/box	Price/box
056179	2400	4	600-800	90	1	10	N/A -
056180	6000	10	1500-2000	190	1	6	N/A -
056181	24000	40	6000-8000	695	1	2	N/A -



SPL Standard cell culture flasks



- ▶ Made of high quality transparent polystyrene
- ▶ Special neck design: short, wide and angled for access of serological pipettes and scrapers
- ▶ Stackable
- ▶ Sterile
- ▶ Green cap



Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 25 cm²						
330014	Canted	Standard	TC	5	200	N/A -
330011	Canted	Filter	TC	5	200	N/A -
Surface area 75 cm²						
330015	Canted	Standard	TC	5	100	N/A -
330012	Canted	Filter	TC	5	100	N/A -
Surface area 175 cm²						
330016	Canted	Standard	TC	5	40	N/A -
330013	Canted	Filter	TC	5	40	N/A -



ClearLine® standard cell culture flasks



- ▶ Crystal polystyrene bottles
- ▶ Easy stacking
- ▶ Packaged in peelable bags
- ▶ Certificates available on request
- ▶ Printing of batch number and expiry date on each bottle
- ▶ Model with filter cap: with hydrophobic membrane, prevents the passage of bacteria and spores and particles larger than 0.2 µm



Cat. No.	Type of neck	Cap Type	Treatment	Units/bag	Units/box	Price/box
Surface area 25 cm²						
131000C	Canted	Standard	TC	10	200	N/A -
131006C	Canted	Filter	TC	10	200	N/A -
Surface area 75 cm²						
131002C	Canted	Standard	TC	5	100	N/A -
131008C	Canted	Filter	TC	5	100	N/A -
Surface area 175 cm²						
131004C	Canted	Standard	TC	5	40	N/A -
131010C	Canted	Filter	TC	5	40	N/A -



Merck Millipore® Millicell® HY FLASK cell culture flasks



- ▶ Multi-tray culture treated flasks
- ▶ Consistent performance and sustainability
- ▶ Uniform growing conditions
- ▶ Membrane filter cap placed on top of the bottle for easy pipetting, filling and aspiration
- ▶ Available in 3 trays (600 cm²) or 5 trays (1000 cm²)

Cat. No.	Surface area in cm ²	Cap Type	Treatment	Units/bag	Units/box	Price/box
051996	600	Filter	TC	2	16	N/A -
051997	1000	Filter	TC	1	8	N/A -

Petri dishes

Falcon® Petri dishes, treated cell culture

Perfectly flat, distortion-free and optically clear growing surface.

- **Stacking lip, located above the lid, facilitates handling and storage**
 - **The Easy Grip™ system provides a better grip**
 - **The lid, with a high covering rim, reduces the risk of contamination**
 - **Specially designed to allow optimum gas exchange thanks to 3 lugs on the inside of the lid**
- **Corning Primaria®**
 - **A surface treatment that promotes the attachment and proliferation of cell types that are difficult to grow on a traditional culture plate. The surface treatment is stable over time and homogeneous, particularly suitable for neuronal, endothelial or tumour cells**
 - **PureCoat™ Amine**
 - **Suitable for cells that exhibit low attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: primary neuronal cells, transfected cells (e.g., HEK-293) or cell lines such as PC12, HepG2**
 - **Alternative to biological coatings - animal-free surface**
 - **Stable surface 18 months from date of manufacture**
 - **PureCoat™ Carboxyl**
 - **Suitable for cells that show poor attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: boxiomycytes (rat, mouse), keratinocytes (rat), PC12, HT-1080, MCR-5**
 - **Alternative to biological coatings - animal-free surface**
 - **Stable surface 18 months from date of manufacture**



Cat. No.	Int Ø x int. h (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
Ø 35 mm						
353001	35.61 x 9.56	Easy Grip™	TC	20	500	N/A -
353801	35.61 x 9.56	-	Primaria®	20	200	N/A -
Ø 60 mm						
353004	50.47 x 11.17	Easy Grip™	TC	20	500	N/A -
353802	50.47 x 11.17	-	Primaria®	20	200	N/A -
Ø 100 mm						
353003	89.43 x 19.18	-	TC	20	200	N/A -
353803	89.43 x 19.18	-	Primaria®	20	200	N/A -
354732	89.43 x 19.18	-	Purecoat™ Amine	10	10	N/A -
354784	89.43 x 19.18	-	Purecoat™ Carboxyl	10	10	N/A -
Ø 150 mm						
353025	142.57 x 24.77	Gridded bottom	TC	10	100	N/A -



Other packaging: consult us

Falcon® Petri dish, for organ culture

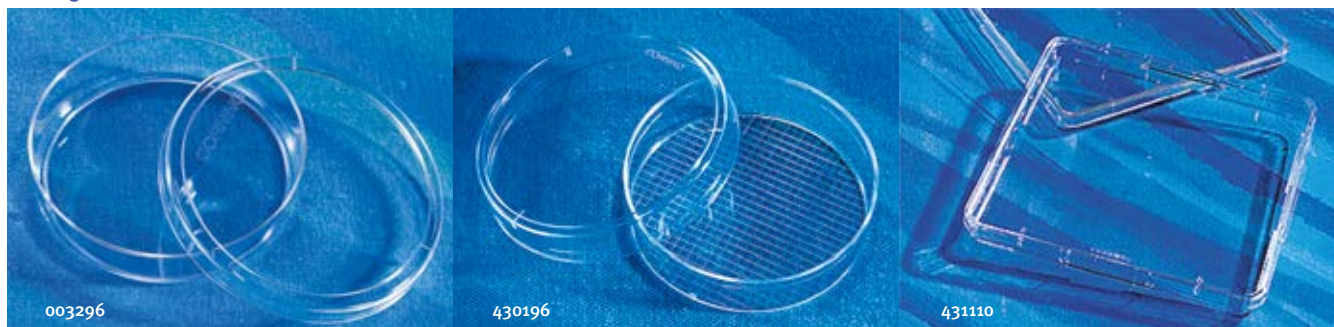
- **Easy grip**
- **Peel-open medical packaging**
- **Gamma ray sterilisation**
- **Culture area 2.89 cm²**

Cat. No.	Ø x h (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
353037	60 x 15	Round with central well	TC	20	500	N/A -



Corning® Petri dishes

Corning® Petri dishes, treated cell culture



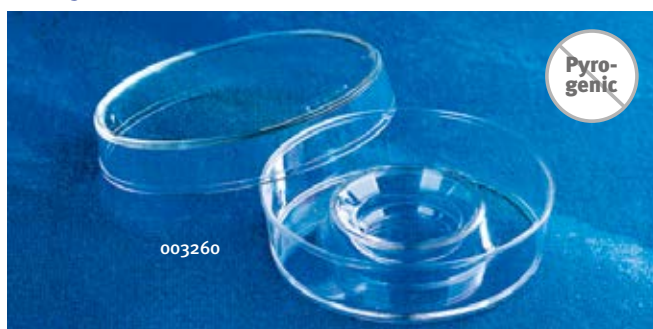
- > CellBind® treatment allows better cell adhesion
- > Notches for better stacking
- > Venting system for better gas exchange

- > High transparency polystyrene
- > Sterile, non-pyrogenic

Cat. No.	Int. dim. x int. h.(mm)	Specifications	Treatment	Units/ bag	Units/ box	Price/ box
Ø 35 mm						
430165	34.4 x 10	-	TC	20	500	N/A -
003294	34.4 x 10	-	CellBIND®	10	210	N/A -
Ø 60 mm						
430166	52.1 X 15	-	TC	20	500	N/A -
003295	52.1 X 15	-	CellBIND®	7	126	N/A -
430196	51.4 X 15	Gridded bottom (2 mm)	TC	20	500	N/A -
Ø 100 mm						
430167	83.8 x 20	-	TC	20	500	N/A -
003296	83.8 x 20	-	TC	5	40	N/A -
430293	80.5 x 20	-	TC	10	480	N/A -
Ø 150 mm						
430599	134.5 x 25	-	TC	5	60	N/A -

Cat. No.	L x W x H (mm)	Specifications	Treatment	Units/ bag	Units/ box	Price/ box
Square-shaped						
431110	224 x 224 x 25	Squared 245 x 245 mm	TC	4	16	N/A -

Corning® 60 mm Petri dish with central well



For research purposes only. Not for use in diagnostic or therapeutic procedures, *in vitro* fertilisation or fertilisation aid procedures.

- > Central well 20 mm
- > Inner well can hold 3 ml of medium, while the outer well can hold 10 ml
- > Treated for optimal cell attachment
- > Sterile

Cat. No.	Ø x h (mm)	Central well (mm)	Units/ bag	Units/ box	Price/ box
003260	60 x 15	20	20	500	N/A -

Greiner Bio-One Petri dishes, treated cell culture



- > In polystyrene
- > Sterilised by gamma rays
- > Lids with stacking edges
- > With vents
- > Single use
- > Triple packaging available on request

> TC-Treated

- > Standard physical surface treatment for adherent cells

> Advanced TC™

- > Advanced chemical treatment for primary cells, delicate cells or cells under stress (e.g. less serum)



Cat. No.	ext Ø x ext. h (mm)	Number of compartments	Specifications	Treatment	Units/bag	Units/box	Price/box
Ø 35 mm							
627160	35 x 13.4	1	-	TC	10	740	N/A -
627960	35 x 13.4	1	-	Advanced TC	10	740	N/A -
627170B	36 x 12	4	Ø per compartment: 11 mm	TC	10	740	N/A -
Ø 60 mm							
628160	54.39 x 13.8	1	-	TC	10	600	N/A -
628960	54.39 x 13.8	1	-	Advanced TC	10	600	N/A -
Ø 100 mm							
664160	87.5 x 19.6	1	-	TC	15	360	N/A -
664960	87.5 x 19.6	1	-	Advanced TC	15	360	N/A -
Ø 145 mm							
639160	136.41 x 19	1	-	TC	5	120	N/A -
639960	136.41 x 19	1	-	Advanced TC	5	120	N/A -

Cat. No.	L x W x H (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
Square-shaped						
688160	1270.73 x 120.73 x 14.6	Squared 120 mm x 120 mm	TC	10	240	N/A -

Petri Nunc™ Petri dishes, treated Nunclon®



- > In polystyrene
- > High optical quality
- > Gamma sterilised (certificate supplied with each box)
- > Non-cytotoxic

> Vented

- > With vents

> Gridded

- > Designed for cloning and allows counting

> EasYDish

- > Bevelled edge, better grip when handling with gloves
- > Notches maximise ventilation while maintaining sterility
- > Orientation markings for microscope observation
- > Marking surface
- > Resealable packaging



Square-shaped

- > Perfectly flat surface
- > Culture area 500 cm²

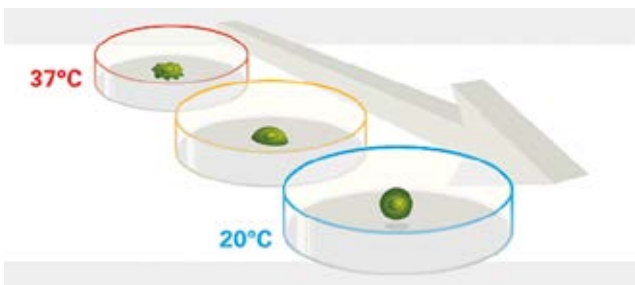
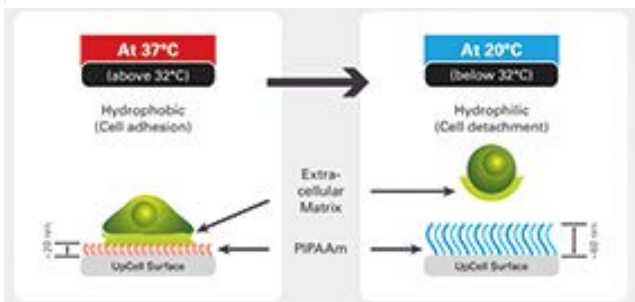
Cat. No.	L x W x H (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
431110	224 x 224 x 25	Squared 245 x 245 mm	TC	4	16	N/A -

Cat. No.	ext Ø x ext. h (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
Ø 35 mm						
055056	40 x 12	Without airvent	TC	10	500	N/A -
055055	40 x 12	With airvent	TC	10	500	N/A -
055057	40 x 12	Gridded	TC	20	500	N/A -
056912	40 x 13	EasyDish	TC	10	500	N/A -
Ø 60 mm						
055059	58 x 15	Without airvent	TC	10	400	N/A -
055058	58 x 15	With airvent	TC	10	400	N/A -
055060	58 x 15	Gridded	TC	10	400	N/A -
056913	60 x 16	EasyDish	TC	10	280	N/A -
Ø 100 mm						
055061	92 x 17	With airvent	TC	10	150	N/A -
055062B	92 x 21	With airvent	TC	10	240	N/A -
056914	95 x 17	EasyDish	TC	10	150	N/A -
056915	95 x 21	EasyDish	TC	10	240	N/A -
Ø 150 mm						
055063	144 x 21	With airvent	TC	10	80	N/A -
056916	145 x 21	EasyDish	TC	10	80	N/A -

PETRI DISHES

Thermo SCIENTIFIC nunc

UpCell Nunc™ Petri dishes



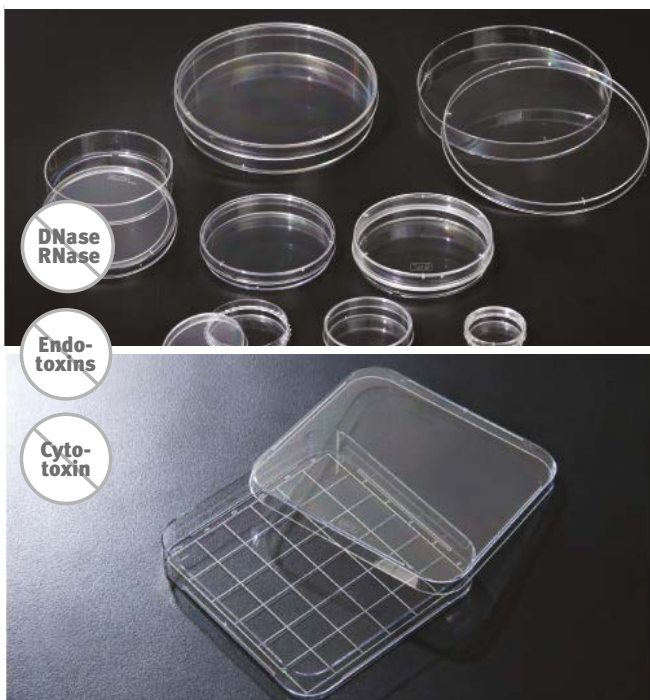
Designed to allow rapid dissociation of cells from the surface by simple temperature change.

- ▶ **No trypsination:** surface proteins and antigens preserved
- ▶ **No use of scrapers:** good cell viability
- ▶ **Recovered cell layers can be stacked to create three-dimensional tissue models and co-cultures**
- ▶ **Minimal handling time**
- ▶ **3 x 3 mm grid for harvesting single cells in suspension or small colonies**

Cat. No.	ext Ø x ext. h (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
Ø 35 mm						
056714	40 x 12	Supporting membrane supplied	Upcell	5	30	N/A -
Ø 60 mm						
056713	60 x 15	-	Upcell	5	30	N/A -
056716	60 x 15	Gridded	Upcell	5	30	N/A -
Ø 100 mm						
056712	92 x 17	-	Upcell	1	6	N/A -
056715	92 x 17	Gridded	Upcell	1	6	N/A -

SPL SPL LIFE SCIENCES

Petri dishes treated SPL cell culture



- ▶ **Made of high quality transparent polystyrene, USP class VI**
- ▶ **External grip: for a better grip**
- ▶ **Sterile SAL 10⁻⁶**

Cat. No.	Ø int x h int. (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
Ø 35 mm						
330005	35 x 9.6	Grip	TC	10	500	N/A -
Ø 60 mm						
330006	52.8 x 12.8	Grip	TC	10	500	N/A -
Ø 100 mm						
330007	86.26 x 17.70	-	TC	10	200	N/A -
330008	87.48 x 16.40	Grip	TC	10	200	N/A -
Ø 150 mm						
330009	138.57 x 23.3	-	TC	10	120	N/A -
330010	138.57 x 15.4	-	TC	10	120	N/A -

Square-shaped

- ▶ **In transparent polystyrene**
- ▶ **Gridded bottom for colony counting**

Cat. No.	Lx W x H (mm) ext.	Specifications	Treatment	Units/bag	Units/box	Price/box
330045	126.40 x 126.4 x 20	Gridded	TC	5	60	N/A -

ClearLine® Petri dishes for culture

ClearLine®

- In peelable bags
- Sterilised by gamma rays
- Certified endotoxin levels below 0.5 EU/ml
- Certificates available on request



CELL CULTURE

Cat. No.	ext Ø x ext. h (mm)	Treatment	Units/bag	Units/box	Price/box
Ø 35 mm					
131046C	37.8 x 12.5	TC	10	960	N/A -
Ø 60 mm					
131048C	58.8 x 17.8	TC	10	600	N/A -
Ø 100 mm					
131050C	95.6 x 22	TC	10	300	N/A -
Ø 150 mm					
131052C	143 x 21.9	TC	10	120	N/A -

Coated Petri dishes

2D or monolayer cell culture

- Standard cell culture plates are then coated with extracellular matrix proteins (Collagen Type I, Fibronectin, Laminin) or synthetic proteins (Poly-D- and Poly-L-Lysine). They thus allow better adhesion, growth and differentiation of cells
- These coated plates are ideally suited for cell cultures in serum-free media and for protocols involving additional wash steps or stressful steps, e.g. transfection

- The choice of coating to be used depends on the cells to be cultured and therefore on the composition of the extracellular matrix *in vivo* for these cells

Corning® Biocoat® Petri dishes

CORNING

Cat. No.	ext Ø x ext. h (mm)	Treatment	Units/bag	Units/box	Price/box
Ø 35 mm					
354456	35.61 x 9.56	Collagen I	20	20	N/A -
356456	35.61 x 9.56	Collagen I	20	100	N/A -
354467	35.61 x 9.56	Poly-D-Lysine	20	20	N/A -
356467	35.61 x 9.56	Poly-D-Lysine	20	100	N/A -
354518	35.61 x 9.56	Poly-L-Lysine	20	20	N/A -
356518	35.61 x 9.56	Poly-L-Lysine	20	100	N/A -
Ø 60 mm					
354401	50.47 x 11.17	Collagen I	20	20	N/A -
356401	50.47 x 11.17	Collagen I	20	100	N/A -
354405	50.47 x 11.17	Laminin	20	20	N/A -
354403	50.47 x 11.17	Fibronectin	20	20	N/A -
354468	50.47 x 11.17	Poly-D-Lysine	20	20	N/A -
356468	50.47 x 11.17	Poly-D-Lysine	20	100	N/A -
356517	50.47 x 11.17	Poly-L-Lysine	20	100	N/A -

Cat. No.	ext Ø x ext. h (mm)	Treatment	Units/bag	Units/box	Price/box
Ø 100 mm					
354450	89.43 x 19.18	Collagen I	10	10	N/A -
356450	89.43 x 19.18	Collagen I	10	40	N/A -
354453	89.43 x 19.18	Collagen IV	10	10	N/A -
354653	89.43 x 19.18	Gelatin	10	10	N/A -
356653	89.43 x 19.18	Gelatin	10	40	N/A -
354469	89.43 x 19.18	Poly-D-Lysine	10	10	N/A -
Ø 150 mm					
354551	142.57 x 24.77	Collagen I	5	5	N/A -

Greiner Bio-One CELLCOAT® Petri dishes

greiner
BIO-ONE

- CELLCOAT coatings are perfectly adapted for primary cells, sensitive lines or any cells placed under constraints (without serum, transfection, numerous washes, etc.); they also allow, for certain cells, a better differentiation
- Ready to use
- Non-cytotoxic
- Poly-Lysine and Collagen I storable at room temperature
- Strict control of raw materials, consistent quality

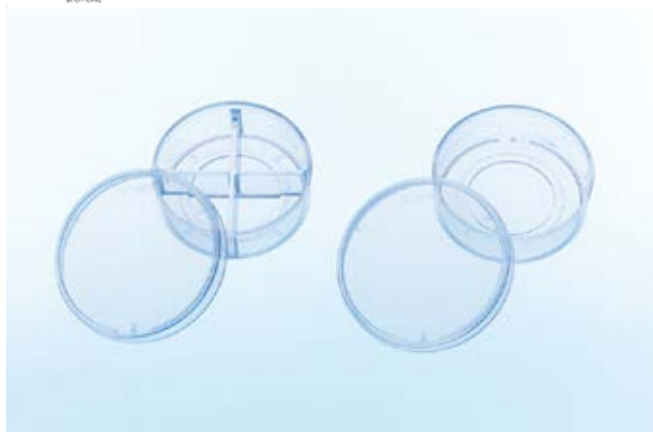


Cat. No.	ext Ø x ext. h (mm)	Treatment	Units/bag	Units/box	Price/box
Ø 60 mm					
628950	54.39 x 13.8	Collagen I	20	100	N/A -
628920	54.39 x 13.8	Fibronectin	5	20	N/A -
628910	54.39 x 13.8	Laminin	5	20	N/A -
628940	54.39 x 13.8	Poly-D-Lysine	20	100	N/A -
628930	54.39 x 13.8	Poly-L-Lysine	20	100	N/A -
Ø 100 mm					
664950	87.05 x 19.6	Collagen I	10	40	N/A -
664940	87.05 x 19.6	Poly-D-Lysine	10	40	N/A -

PETRI DISHES WITH GLASS BOTTOM



Greiner Bio-One CellView™ Petri dishes



- ▶ Glass thickness: 175 µm +/- 15 µm
- ▶ Sterile, treated
- ▶ Borosilicate glass class 1 (DIN-ISO 719) transparent, ISO 8255-1: 1986
- ▶ Maximum spectral transmission
- ▶ Specific surface for improved cell adhesion
- ▶ Volume: 5 ml (one compartment) and 0.1 - 0.5 ml (4 compartments)
- ▶ Maximum flatness
- ▶ Ideal for high resolution microscopy or FISH

Cat. No.	Ø x H (mm)	Number of compartments	Treatment	Units/bag	Units/box	Price/box
627861	35 x 12	1	Non treated	10	40	N/A -
627860	35 x 12	1	TC	10	40	N/A -
627965	35 x 12	1	Advanced TC	10	40	N/A -
627871	35 x 12	4	Non treated	10	40	N/A -
627870	35 x 12	4	TC	10	40	N/A -
627975	35 x 12	4	Advanced TC	10	40	N/A -



Nunc™ glass bottom Petri dishes



- ▶ Petri dish 35 mm with glass bottom diameter 12 or 27 mm
- ▶ 0.16 to 0.19 mm borosilicate glass coverslip
- ▶ Working volume 3 ml

▶ Applications

- ▶ Fluorescence, phase contrast microscopy
- ▶ Fluorescence in situ hybridization (FISH)

Cat. No.	ext Ø x ext. H (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
056848	39.4 x 10.9	Glass bottom Ø 12 mm	TC	1	20	N/A -
056849	39.4 x 10.9	Glass bottom Ø 27 mm	TC	1	20	N/A -

Fluorodish Petri dishes



- ▶ Bottom with glass coverslip
- ▶ For direct observation by microscopy
- ▶ Optical glass of RI = 1.525, thickness 0.17 mm
- ▶ Internal well in the Petri dish to reduce the volume of samples and media
- ▶ Low profile box for easy access to micropipette tips
- ▶ Low toxicity adhesive for embryo research

Cat. No.	Ø int. (mm)	Ø ext. (mm)	Ø of wells (mm)	H. int. (mm)	H. ext. (mm)	Access angle	Price/100 units
WFD35-100	33	35.5	23.5	7.8	9	29 °	N/A -
WFD3510-100	10	35.5	10	1.5	4.65	17 °	N/A -
WFD5040-100	47.5	49.82	35	7.25	7.4	17 °	N/A -

Cloning cylinders

For the isolation of clones from individual cells. Isolation of a clone is done by applying a thin layer of grease to the bottom of the cylinder and placing it on the culture plate.

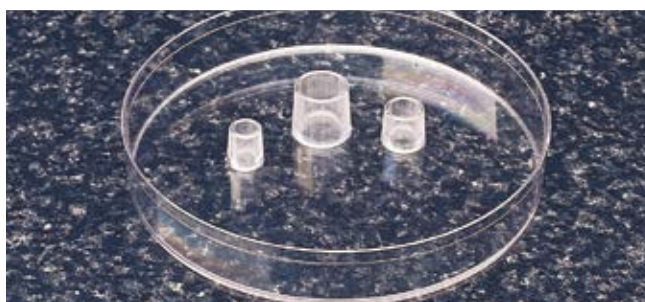
After addition of a small volume of EDTA or trypsin and incubation at 37 °C (which loosens the cells), the cells are recovered from the cylinder and transferred to another plate.

Sterile polystyrene cloning cylinders

The base is slightly wider than the top, providing a good sealing area. Packed in a bag of 5.

Cat. No.	Description	ø x h (mm)	Units/box	Price/box
085102	Sterile PS cloning cylinder	4.7 x 8	50	N/A -
085103	Sterile PS cloning cylinder	6.4 x 8	50	N/A -
085104	Sterile PS cloning cylinder	9.5 x 6.2	50	N/A -
085105	Assorted sterile PS cloning cylinder	.*	40	N/A -

* 4.7 x 8 / 6.4 x 8 / 9.5 x 11



Borosilicate glass cloning cylinders - Excellent sealing.

Cat. No.	Out diameter (mm)	Height (mm)	Units/box	Price/box
209006	6	8	125	N/A -
209008	8	8	125	N/A -
209010	10	10	125	N/A -

Culture plates

Falcon® Culture Plates



> Sterile

- > Made of crystal polystyrene
- > Marking surface
- > Alphanumeric identification
- > Frosted edge for easy identification of the plate during handling
- > Labyrinth lid: greatly reduces evaporation in the peripheral wells minimises the risk of contamination during gas exchange
- > Single or multiple-thermoformed and peelable packaging
- > Ready Stack® packaging: plates arranged side by side in peelable trays

> Corning Primaria®

- > A surface treatment that promotes the attachment and proliferation of cell types that are difficult to grow on a traditional culture plate. The surface treatment is stable over time and homogeneous, particularly suitable for neuronal, endothelial or tumour cells

> PureCoat™ Amine

- > Suitable for cells that exhibit low attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: primary neuronal cells, transfected cells (e.g., HEK-293) or cell lines such as PC12, HepG2
- > Alternative to biological coatings - animal-free surface
- > Stable surface 18 months from date of manufacture



> PureCoat™ Carboxyl

- > Suitable for cells that show poor attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: boxiomyocytes (rat, mouse), keratinocytes (rat), PC12, HT-1080, MCR-5
- > Alternative to biological coatings - animal-free surface
- > Stable surface 18 months from date of manufacture

> ECM Mimetic Fibronectin Peptide

- > A surface that contains synthetic, biologically active peptides that mimic the cellular attachment usually promoted by extracellular matrix proteins. Suitable for primary cells, stem cells

Cat. No.	Number of wells	Type of bottom	Plate colour	Treatment	Units/bag	Units/box	Price/box
Multi-packaging							
353224	6	Flat	Transparent	TC	6	36	N/A -
354721	6	Flat	Transparent	Purecoat™ Amine	5	5	N/A -
354773	6	Flat	Transparent	Purecoat™ Carboxyl	5	5	N/A -
353225	12	Flat	Transparent	TC	6	36	N/A -
353226	24	Flat	Transparent	TC	6	36	N/A -
354723	24	Flat	Transparent	Purecoat™ Amine	5	5	N/A -
354775	24	Flat	Transparent	Purecoat™ Carboxyl	5	5	N/A -
353230	48	Flat	Transparent	TC	6	36	N/A -
353075	96	Flat	Transparent	TC	5	50	N/A -
353916	96	Flat	Transparent	TC	25	100	N/A -
353227	96	Rounded	Transparent	TC	5	50	N/A -
354717	96	Flat Transp.	Black	Purecoat™ Amine	5	5	N/A -
356717	96	Flat Transp.	Black	Purecoat™ Amine	5	50	N/A -

Cat. No.	Number of wells	Type of bottom	Plate colour	Treatment	Units/bag	Units/box	Price/box
Unit packaging							
353046	6	Flat	Transparent	TC	1	50	N/A -
353043	12	Flat	Transparent	TC	1	50	N/A -
353047	24	Flat	Transparent	TC	1	50	N/A -
353078	48	Flat	Transparent	TC	1	50	N/A -
353072	96	Flat	Transparent	TC	1	50	N/A -
353077	96	Rounded	Transparent	TC	1	50	N/A -
356240	6	Flat	Transparent	ECM Mimetic	1	10	N/A -
356241	24	Flat	Transparent	ECM Mimetic	1	10	N/A -

Ready Stack packaging

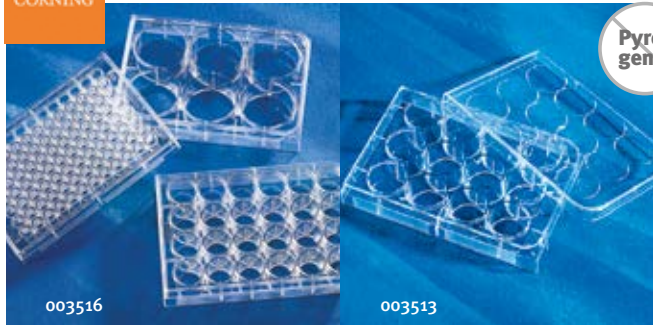
353924	6	Flat	Transparent	TC	5	5	N/A -
353935	24	Flat	Transparent	TC	10	60	N/A -
353936	96	Flat	Transparent	TC	14	84	N/A -



Find all our 384 well and 1356 well Falcon® culture treated plates in our storage and screening section

CORNING

Corning® Plates and Microplates



Pyro-genic

- Sterile
- Alphanumeric code for identification
- **CellBIND®** surface: surface treatment with negative charges, more hydrophilic surface for better cell attachment and thus facilitate proliferation
- The Corning® **Osteo Assay** surface is a crystalline inorganic coating, creating a surface that mimics the bone environment *in vivo*, for *in vitro* bone cell culture and analysis



Cat. No.	Number of wells	Type of bottom	Plate colour	Treatment	Units/ bag	Units/ box	Price/ box
003516	6	Flat	Transparent	TC	1	50	N/A -
003506	6	Flat	Transparent	TC	5	100	N/A -
003335	6	Flat	Transparent	CellBIND®	5	50	N/A -
003513	12	Flat	Transparent	TC	1	50	N/A -
003512	12	Flat	Transparent	TC	5	100	N/A -
003336	12	Flat	Transparent	CellBIND®	5	50	N/A -
003526	24	Flat	Transparent	TC	1	50	N/A -
003524	24	Flat	Transparent	TC	1	100	N/A -
003527	24	Flat	Transparent	TC	5	100	N/A -
003337	24	Flat	Transparent	CellBIND®	5	50	N/A -
003987	24	Flat	Transparent	Corning Osteo Assay	1	4	N/A -
003548	48	Flat	Transparent	TC	1	100	N/A -
003338	48	Flat	Transparent	CellBIND®	5	50	N/A -
003596	96	Flat	Transparent	TC	1	50	N/A -
003598	96	Flat	Transparent	TC	5	100	N/A -
003599	96	Flat	Transparent	TC	1	100	N/A -
003300	96	Flat	Transparent	CellBIND®	5	50	N/A -
003799	96	Rounded	Transparent	TC	1	50	N/A -
003603	96	Flat Transp.	Black	TC	1	48	N/A -
003904	96	Flat Transp.	Black	TC	20	100	N/A -
003340	96	Flat Transp.	Black	CellBIND®	5	50	N/A -
003916	96	Flat -Black	Black	TC	20	100	N/A -
003610	96	Flat Transp.	White	TC	1	48	N/A -
003903	96	Flat Transp.	White	TC	20	100	N/A -
003917	96	Flat - White	White	TC	20	100	N/A -

Find all our 384 well and 1536 well Falcon® culture treated plates in our storage and screening section



greiner
BIO-CORE

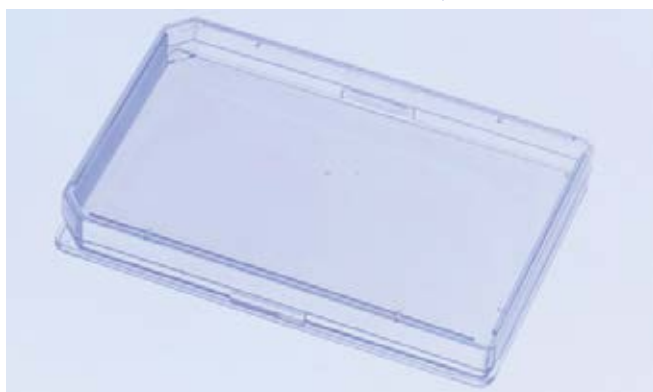
Greiner Bio-One plates and microplates

- Sterile
- Non-cytotoxic
- Stackable, peelable packaging
- Batch number on each plate, expiry date on each bag
- Lids with condensation rings
- In polystyrene with low autofluorescence



- **CELLSTAR® TC**
- Standard physical surface treatment
- **CELLSTAR Advanced TC**
- Advanced chemical treatment for primary or delicate or stressed cells (e.g. less SVF)

CELLSTAR® OneWell Plate single-well culture plate



- SBS format, suitable for use with robotic systems
- With lid
- Ideal for screening and intensive cultivation
- Culture area: 95 cm²

Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	Price/ box
1670180	1	Flat	TC	32	50	N/A -

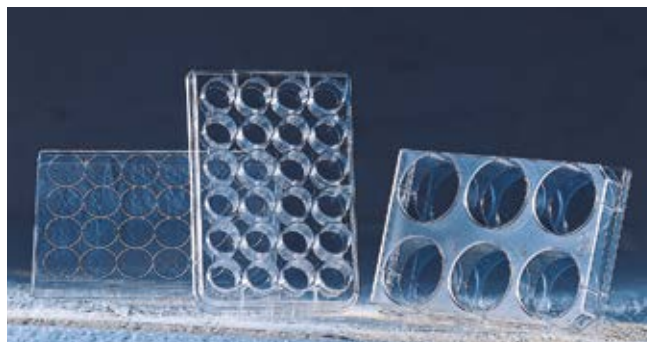
Available in non treated version OneWell and FourWell



Greiner Bio-One Plates and Microplates (continued)

Multi-well plates and transparent microplates

Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
657160	6	Flat	TC	1	100	N/A -
657960	6	Flat	Advanced TC	1	100	N/A -
665180	12	Flat	TC	1	100	N/A -
665980	12	Flat	Advanced TC	1	100	N/A -
662160	24	Flat	TC	1	100	N/A -
662960	24	Flat	Advanced TC	1	100	N/A -
677180	48	Flat	TC	1	100	N/A -
677980	48	Flat	Advanced TC	1	100	N/A -
020035	96	Flat	TC	1	100	N/A -
655980	96	Flat	Advanced TC	1	100	N/A -
655982	96	Flat	Advanced TC	10	160	N/A -
020028	96	Rounded	TC	1	100	N/A -
020033	96	Conical	TC	1	100	N/A -
675180	96	1/2 well	TC	1	100	N/A -



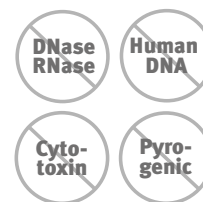
- High transparency and low auto-fluorescence
- Lid designed for optimum gas exchange and minimum evaporation
- Alphanumeric marking
- Peelable packaging
- SBS format, robotic compatible
- For 6-well and 96-well plates: black screen printing on each plate with batch number, expiry date, treatment type
- Reagent gain with 1/2 wells; working volume 15 to 175 µl

Accessories

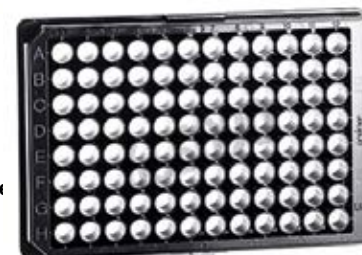
Cat. No.	Description	Pack unit.	Units/box	Price/box
020037	Universal irradiated high-shapes lid	1	100	N/A -
020039	Sterile lid for microplate 96 condensation rings	1	100	N/A -

GREINER Bio-One Black microplates

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/bag	Units/box	Price/box
655086	96	Flat -Black	With lid	TC	8	32	N/A -
655079	96	Flat -Black	Without lid	TC	10	40	N/A -
655090	96	Flat - µclear transparent	With lid	TC	8	32	N/A -
655087	96	Flat - µclear transparent	Without lid	TC	10	40	N/A -
675086	96	1/2 well Black	With lid	TC	8	32	N/A -
675090	96	1/2 well - µclear transparent	With lid	TC	8	32	N/A -
655986	96	1/2 well - µclear transparent	With lid	Advanced TC	8	32	N/A -
675986	96	1/2 well Black	With lid	Advanced TC	8	32	N/A -
781986	384	Flat - µclear transparent	Without lid	Advanced TC	8	32	N/A -
788986	384	1/2 well - µclear transparent	With lid	Advanced TC	15	60	N/A -

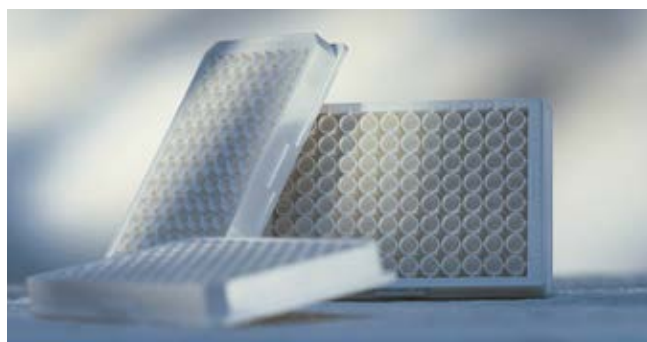


- Suitable for fluorescence testing
- Minimises background noise autofluorescence and interwell scattering effects
- µclear transparent background (190 µm thick) suitable for microscopy
- SBS format, robotic compatible



GREINER Bio-One White microplates

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/bag	Units/box	Price/box
655083	96	Flat - White	With lid	TC	8	32	N/A -
655073	96	Flat - White	Without lid	TC	10	40	N/A -
655098	96	Flat - µclear transparent	With lid	TC	8	32	N/A -
655088	96	Flat - µclear transparent	Without lid	TC	10	40	N/A -
675083	96	1/2 well - White	With lid	TC	8	32	N/A -
655983	96	Flat - White	With lid	Advanced TC	8	32	N/A -
781983	384	Flat - µclear transparent	With lid	Advanced TC	8	32	N/A -
788983	384	1/2 well - µclear transparent	With lid	Advanced TC	15	60	N/A -



- Suitable for luminescence testing
- Minimises background noise, autophosphorescence and interwell scattering effects
- µclear transparent background: 190 µm thick, suitable for microscopy
- SBS format, robotic compatible

See our 384 and 1536 well Greiner Bio-One plates in the storage and screening section



Nunc™ plates

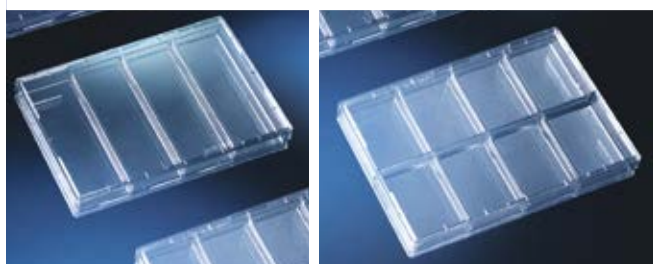
Omnitray Nunc™ culture plates



- ▶ Gamma sterilised with lid
- ▶ Microplate format for use with robots
- ▶ With notched corners: mark for positioning the plate
- ▶ Without notched corners: special robotics
- ▶ Applications:
 - Dot Blotting
 - Denaturation/hybridization/washing
 - Membrane storage

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/bag	Units/box	Price/box
055048	1	Flat	Notched corners	TC	10	60	N/A -
056199	1	Flat	-	TC	10	90	N/A -

Nunc™ rectangular plates



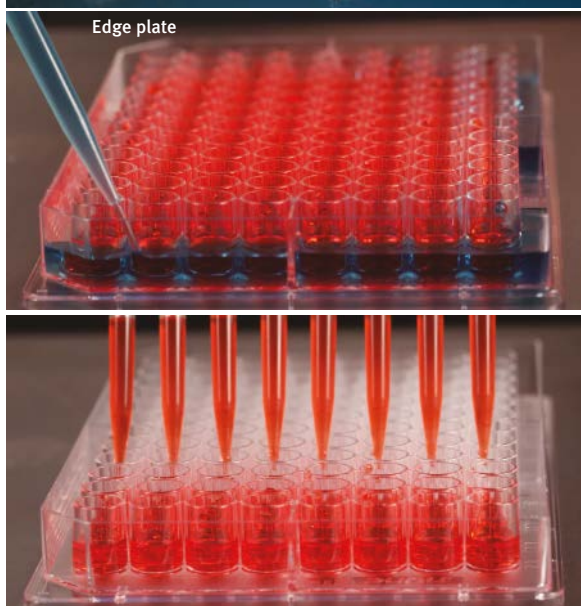
- ▶ Sterile with cover
- ▶ Compatible with robotic systems
- ▶ ANSI standard format
- ▶ Ext. dimension L x W x H: 128 x 85.9 x 17.3 mm

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/bag	Units/box	Price/box
056276	4	Flat	TC	10	100	60	N/A -
056278	8	Flat	TC	10	100	90	N/A -

Nunc™ transparent multi-well plates and microplates



- ▶ Sterilised by gamma rays
- ▶ In polystyrene
- ▶ Nunclon Delta Treated (TC)
- ▶ Nunclon VITA treated: for cultivation of so-called demanding cells such as human embryonic and pluripotent stem cells
- ▶ Minitray plates with cover: size L x W 84 x 59 mm, culture area per well 0.013 cm²
- ▶ Edge 2.0 plates: limits evaporation; evaporation rate < 2 % on all 96 wells after 4 days of incubation
- ▶ 4 slots on the perimeter (each filled with sterile 0.5% agarose solution liquid), act as barriers to evaporation from the wells
- ▶ SBS format



Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/bag	Units/box	Price/box
055047	4	Flat	Lid	TC	4	120	N/A -
055426	6	Flat	Lid	TC	1	75	N/A -
055615	6	Flat	Lid	TC	5	85	N/A -
056744	6	Flat	Lid	Nunclon Vita™	1	4	N/A -
055428	12	Flat	Lid	TC	1	75	N/A -
055429	24	Flat	Lid	TC	1	75	N/A -
055430	24	Flat	Lid	TC	5	85	N/A -
055431	48	Flat	Lid	TC	1	75	N/A -
056204	48	Flat	Lid	TC	5	85	N/A -
055435	60	Conical	Minitray	TC	10	150	N/A -
055436	72	Conical	Minitray	TC	10	150	N/A -
055260	96	Flat	Lid	TC	1	50	N/A -
055262	96	Flat	Lid	TC	10	160	N/A -
055432	96	Flat	Without lid	TC	1	50	N/A -
055264	96	Flat	Without lid	TC	10	180	N/A -
055434	96	Rounded	Lid	TC	1	50	N/A -
055467	96	Rounded	Lid	TC	10	160	N/A -
055433	96	Rounded	Without lid	TC	1	50	N/A -
056891	96	Flat	Lid, Edge 2.0	TC	1	50	N/A -
056892	96	Flat	Lid, Edge 2.0	TC	10	160	N/A -
056893	96	Flat	Without lid, Edge 2.0	TC	1	50	N/A -
056894	96	Flat	Without lid, Edge 2.0	TC	10	160	N/A -

Sterile lid and adhesives

Cat. No.	Description	Pack unit.	Units/box	Price/box
055610	Sterile polystyrene lid	1	60	N/A -
055049	Sterile adhesive sheet	200	800	N/A -
064031	Sterile adhesive sheet	1	50	N/A -

Nunc™ plates (continued)

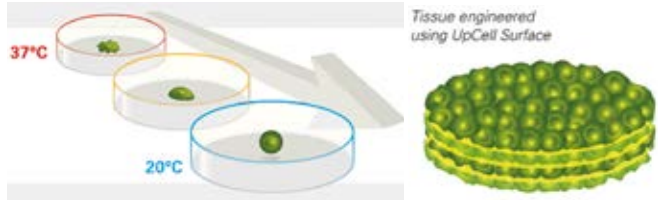


UpCell® Nunc™ transparent plates and microplates

Designed to allow rapid dissociation of cells from the surface by simple temperature change.

- No trypsination: surface proteins and antigens preserved
- No use of scrapers: good cell viability
- 6-well plates supplied with support membranes that allow the collection of cell sheets, as well as the creation of 3D tissue models
- With lid

Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
056711	6	Flat	Upcell	1	6	N/A -
056710	12	Flat	Upcell	1	6	N/A -
056709	24	Flat	Upcell	1	6	N/A -
056708	48	Flat	Upcell	1	6	N/A -
056707	96	Flat	Upcell	1	8	N/A -

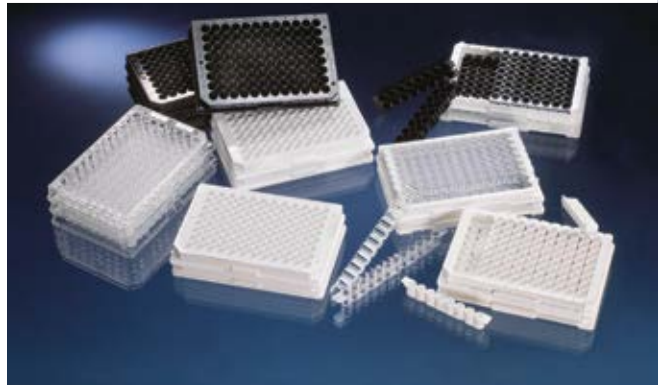


Nunc™ Black and white microplates

Nunc™ black microplates

- Recommended for fluorescence measurements
- Disperses light and reduces background noise
- Custom barcodes available

Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
055210	96	Flat - Transparent	TC	1	50	N/A -
055212	96	Flat - Transparent	TC	10	160	N/A -



Nunc™ white microplates

- Recommended for luminescence measurements
- With maximum reflection and minimum autoluminescence
- Custom barcodes available

Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
055211	96	Flat - Transparent	TC	1	50	N/A -
055213	96	Flat - Transparent	TC	10	160	N/A -

ClearLine® plates

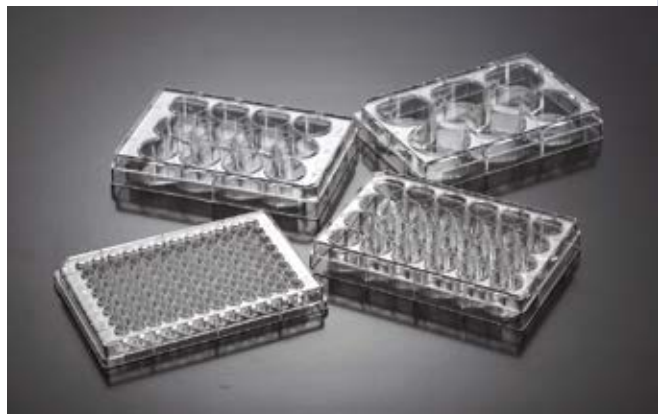


ClearLine® transparent multi-well plates and microplates

- In polystyrene
- Sterilised by gamma rays
- Alphanumeric marking
- Notched corners
- Certified endotoxin level < 0.5 EU/ml
- With lid



Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
131028C	6	Flat	TC	1	100	N/A -
131024C	12	Flat	TC	1	100	N/A -
131020C	24	Flat	TC	1	100	N/A -
131019C	48	Flat	TC	1	100	N/A -
131012C	96	Flat	TC	1	100	N/A -



SPL plates



SPL Transparent single-wall plate



- > In polystyrene
- > Sterile
- > Non-cytotoxic



Cat. No.	Specifications	Type of bottom	Treatment	Units/bag	Units/box	Price/box
330046	Flat	With lid	TC	1	50	N/A -



SPL transparent multi-well plates and microplates



- > In polystyrene
- > Sterile
- > With lid
- > Alphanumeric marking
- > UPS Class VI

Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
330023	6	Flat	TC	1	50	N/A -
330026	12	Flat	TC	1	50	N/A -
330029	24	Flat	TC	1	50	N/A -
330032	48	Flat	TC	1	50	N/A -
330035	96	Flat	TC	1	50	N/A -
330038	96	Rounded	TC	1	50	N/A -



SPL Black and white multi-well plates



SPL Black multi-well microplates

For minimal background noise and low light scatter.

- > Sterile
- > Alphanumeric marking

Cat.No.	Number of wells	Type of bottom	Specifications	Treatment	Units/bag	Units/box	Price/box
330042	96	Flat	Lid	TC	1	50	N/A -

SPL white multi-well plates

For maximum reflection and minimum autoluminescence.

- > Sterile
- > Alphanumeric marking

Cat.No.	Number of wells	Type of bottom	Specifications	Treatment	Units/bag	Units/box	Price/box
330041	96	Flat	Lid	TC	1	50	N/A -

Coated Culture plates

2D or monolayer cell culture often uses extracellular matrix proteins to mimic the natural environment of adherent cells

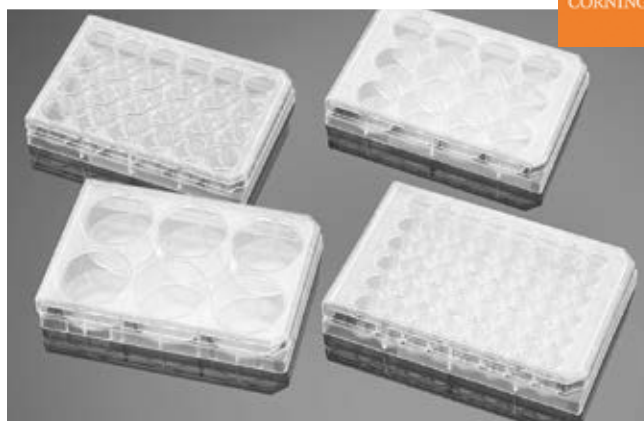
- ▶ The standard cell culture plates are then coated with extracellular matrix proteins (Collagen Type I, Fibronectin, Laminin) or synthetic proteins (Poly-D- and Poly-L-Lysine). They thus allow better adhesion, growth and differentiation of cells
- ▶ These coated plates are ideally suited for cell cultures in serum-free media and for protocols involving additional wash steps or stressful steps, e.g. transfection

- ▶ The choice of coating to be used depends on the cells to be cultured and therefore on the composition of the extracellular matrix *in vivo* for these cells

Corning® Biocoat® coated transparent multi-well plates and microplates

CORNING

- ▶ **Matrigel®:** basal membrane extracted from the EHS (Engelbreth-Holm-Swarm) tumour
- ▶ **Main components:** laminin, collagen IV, entactin, proteoglycans
- ▶ When it solidifies it forms a structure equivalent to a basal membrane in terms of its composition, structure and physical properties



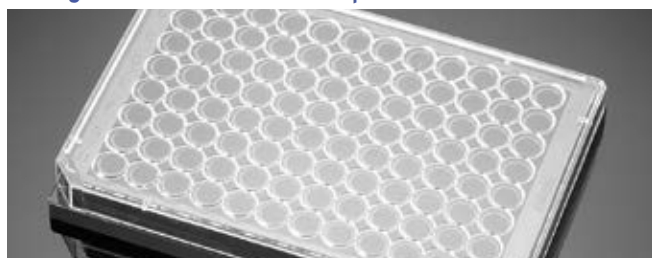
Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
354408	24	Flat	Collagen I	5	5	N/A -
356408	24	Flat	Collagen I	5	50	N/A -
354430	24	Flat	Collagen IV	5	5	N/A -
354411	24	Flat	Fibronectin	1	5	N/A -
354412	24	Flat	Laminin	5	5	N/A -
354433	24	Flat	Matrigel®	1	2	N/A -
354605	24	Flat	Matrigel® thin layer	5	5	N/A -
354414	24	Flat	Poly-D-Lysine	5	5	N/A -
356414	24	Flat	Poly-D-Lysine	5	50	N/A -
354505	48	Flat	Collagen I	5	5	N/A -
356505	48	Flat	Collagen I	5	50	N/A -
354509	48	Flat	Poly-D-Lysine	5	5	N/A -
356509	48	Flat	Poly-D-Lysine	5	50	N/A -
354407	96	Flat	Collagen I	5	5	N/A -
356407	96	Flat	Collagen I	5	50	N/A -
354429	96	Flat	Collagen IV	5	5	N/A -
354409	96	Flat	Fibronectin	5	5	N/A -
354689	96	Flat	Gelatin	5	5	N/A -
356689	96	Flat	Gelatin	5	50	N/A -
354410	96	Flat	Laminin	5	5	N/A -
354607	96	Flat	Matrigel® thin layer	5	5	N/A -
354461	96	Flat	Poly-D-Lysine	5	5	N/A -
356461	96	Flat	Poly-D-Lysine	5	50	N/A -
354516	96	Flat	Poly-L-Lysine	5	5	N/A -
356516	96	Flat	Poly-L-Lysine	5	50	N/A -

Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
354400	6	Flat	Collagen I	5	5	N/A -
356400	6	Flat	Collagen I	5	50	N/A -
354428	6	Flat	Collagen IV	1	5	N/A -
354402	6	Flat	Fibronectin	1	5	N/A -
354652	6	Flat	Gelatin	5	5	N/A -
356652	6	Flat	Gelatin	5	50	N/A -
354404	6	Flat	Laminin	1	5	N/A -
354432	6	Flat	Matrigel®	1	2	N/A -
354603	6	Flat	Matrigel® thin layer	5	5	N/A -
354413	6	Flat	Poly-D-Lysine	5	5	N/A -
356413	6	Flat	Poly-D-Lysine	5	50	N/A -
354515	6	Flat	Poly-L-Lysine	5	5	N/A -
354500	12	Flat	Collagen I	5	5	N/A -
356500	12	Flat	Collagen I	5	50	N/A -
354470	12	Flat	Poly-D-Lysine	5	5	N/A -
356470	12	Flat	Poly-D-Lysine	5	50	N/A -

Corning® Biocoat® coated black and white multi-well plates and microplates

CORNING

Corning® Biocoat® coated multi-well plates

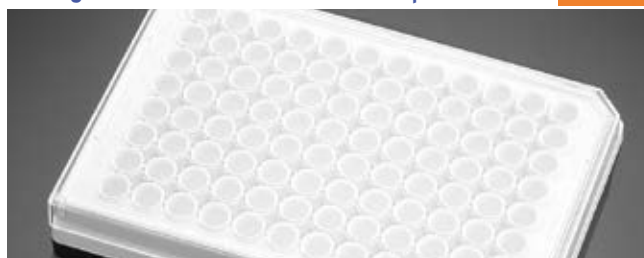


Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
354649	96	Flat-Transparent	Collagen I	5	5	N/A -
356649	96	Flat-Transparent	Collagen I	5	50	N/A -
354640	96	Flat-Transparent	Poly-D-Lysine	5	5	N/A -
356640	96	Flat-Transparent	Poly-D-Lysine	5	50	N/A -

Angiogenesis: Tube formation

354149	96	Flat-Transparent	Matrigel™	1	1	N/A -
354150	96	Flat-Transparent	Matrigel™	1	5	N/A -

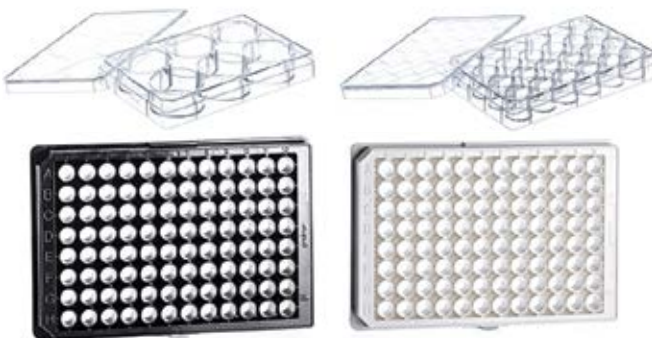
Corning® Biocoat® coated white multi-well plates



Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/box	Price/box
354519	96	Flat-White	Collagen I	5	5	N/A -
356519	96	Flat-White	Collagen I	5	50	N/A -
354650	96	Flat-Transparent	Collagen I	5	5	N/A -
356650	96	Flat-Transparent	Collagen I	5	50	N/A -
354651	96	Flat-Transparent	Poly-D-Lysine	5	5	N/A -
356651	96	Flat-Transparent	Poly-D-Lysine	5	50	N/A -
354620	96	Flat-White	Poly-D-Lysine	5	5	N/A -
356620	96	Flat-White	Poly-D-Lysine	5	50	N/A -



Greiner Bio-One CELLCOAT® coating multi-well plates and microplates



CELLCOAT® coatings are perfectly suited for primary cells, sensitive cell lines or any cell under stress (no serum, transfection, numerous washes, etc.) They also allow, for certain cells, a better differentiation.

- ▶ Ready to use
- ▶ Non-cytotoxic
- ▶ Poly-Lysine and Collagen I storable at room temperature
- ▶ Strict control of raw materials, consistent quality

CELLCOAT® transparent multi-well plates and microplates

Cat. No.	Number of wells	Bottom type	Treatment	Units/bag	Units/box	Price/box
657950	6	Flat	Collagen I	5	50	N/A -
657940	6	Flat	Poly-D-Lysine	5	50	N/A -
657930	6	Flat	Poly-L-Lysine	5	50	N/A -
657910	6	Flat	Laminin	1	5	N/A -
657920	6	Flat	Fibronectin	1	5	N/A -
662950	24	Flat	Collagen I	5	50	N/A -
662910	24	Flat	Laminin	1	5	N/A -
662920	24	Flat	Fibronectin	1	5	N/A -
662940	24	Flat	Poly-D-Lysine	5	50	N/A -
662930	24	Flat	Poly-L-Lysine	5	50	N/A -
655950A	96	Flat	Collagen I	5	5	N/A -
655920	96	Flat	Fibronectin	1	5	N/A -
655940	96	Flat	Poly-D-Lysine	5	20	N/A -
655930A	96	Flat	Poly-L-Lysine	5	5	N/A -
781950	384	Flat	Collagen I	5	20	N/A -
781940	384	Flat	Poly-D-Lysine	5	20	N/A -
781930	384	Flat	Poly-L-Lysine	5	20	N/A -

CELLCOAT® black multi-well plates and microplates

Cat. No.	Number of wells	Bottom type	Treatment	Units/bag	Units/box	Price/box
655956A	96	Flat-Transparent	Collagen I	5	5	N/A -
655946	96	Flat-Transparent	Poly-D-Lysine	5	20	N/A -
655936	96	Flat-Transparent	Poly-L-Lysine	5	20	N/A -
781956	384	Flat-Transparent	Collagen I	5	20	N/A -
781946	384	Flat-Transparent	Poly-D-Lysine	5	20	N/A -
781936	384	Flat-Transparent	Poly-L-Lysine	5	20	N/A -

CELLCOAT® white multi-well plates and microplates

Cat. No.	Number of wells	Bottom type	Treatment	Units/bag	Units/box	Price/box
655944	96	Flat-Transparent	Poly-D-Lysine	5	20	N/A -
781944	384	Flat-Transparent	Poly-D-Lysine	5	20	N/A -

Plates for cell imaging



Falcon® Imaging 96-well Microplates for cell imaging



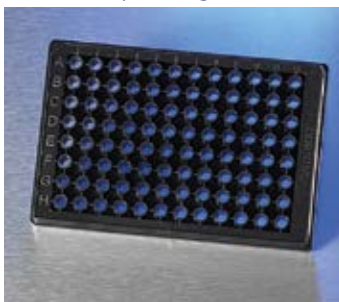
- ▶ Very thin flat bottom (thickness: 190 µm) specially designed for cell imaging
- ▶ Bottom is 60% thinner than conventional polystyrene microplates
- ▶ Opaque walls prevent exchange between wells
- ▶ Sterile
- ▶ With lid

Cat. No.	Number of wells	Type of bottom	Colour	Treatment	Units/bag	Units/box	Price/box
353219	96	Flat-Transparent	Black	TC	8	32	N/A -



Corning® Microplates

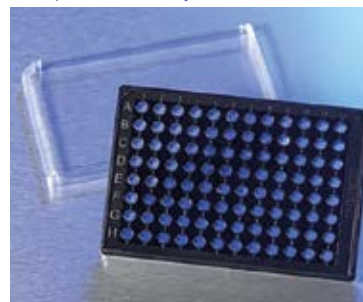
96-well glass-bottom microplates



- ▶ Flat bottom in optical glass, thickness 200 µm
- ▶ Superior optical quality and scratch resistant glass
- ▶ Black frame to limit the background noise in fluorescence
- ▶ With half-wells to limit reagent loss
- ▶ With lid

Cat. No.	Number of wells	Bottom type	Colour	Treatment	Units/bag	Units/box	Price/box
004580	96	Flat-Transparent	Black	TC	1	10	N/A -
004582	96	Flat-Transparent	Black	Collagen I	1	10	N/A -
004584	96	Flat-Transparent	Black	Fibronectin	1	10	N/A -
004586	96	Flat-Transparent	Black	Poly-D-Lysine	1	10	N/A -

COC 96-well microplates



- ▶ Copolymer Cyclo Olefin
- ▶ 127 µm thick ultra transparent bottom
- ▶ Round wells to reduce reagent loss
- ▶ Culture Treated surface
- ▶ With lid

Cat. No.	Number of wells	Type of bottom	Colour	Treatment	Units/bag	Units/box	Price/box
004680	96	Flat-Transparent	Black	TC	4	16	N/A -

Greiner Bio-One SCREENSTAR® Microplates

Microplates with cycloolefin frame and bottom/film, suitable for microscopy applications such as HCS or high resolution microscopy.

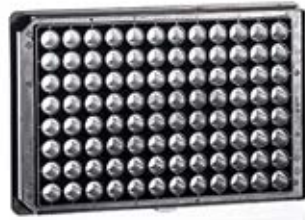
- High transparency, low autofluorescence, low birefringence, refractive index close to glass
- Full surface access to the plate through high magnification lenses
- Film thickness 190 µm
- Surface treatment suitable for cell culture
- Sterile with lids, non-cytotoxic
- Peripheral edge can be filled with fluids to limit edge effects (evaporation)
- Water or oil immersion compatible, high magnification over X40 and high resolution
- Bar codes on request
- Non-sterile or non treated versions on request
- Compatibility with automated imaging systems: consult us



Cat. No.	Number of wells	Bottom type	Colour	Treatment	Units/bag	Units/box	Price/box
655866	96	Chimney well/plate - Transparent	Black	TC	1	16	N/A -
073056	384	Flat - Transparent	Black	TC	8	32	N/A -
789866	1536	Flat - Transparent	Black	TC	17	68	N/A -

Greiner Bio-One CELLview® Microplates

Microplates with black cycloolefin frame and optical quality glass background, suitable for high resolution and confocal microscopy applications.



- High transparency, low autofluorescence
- Reduced height bottom for easy use of lenses with short distance and high aperture
- Compatible with confocal systems such as Opera Phenix, Yokogawa, ImageExpress PICO, Cytation
- Borosilicate glass, thickness 175 µm +/- 15 µm
- Surface treatments adapted to cell culture: standard culture treatment or Advanced TC for sensitive or stressed cells (low serum, transfection, etc.)
- Sterile with lids, non-cytotoxic
- Bar codes on request

Cat. No.	Number of wells	Bottom type	Colour	Treatment	Units/bag	Units/box	Price/box
655891	96	Flat - Transparent	Black	TC	1	16	N/A -
655981	96	Flat - Transparent	Black	Advanced TC	1	16	N/A -

Greiner Bio-One Sensoplate® glass bottom microplates

Black polystyrene microplates with optical quality glass backgrounds, specialised for high resolution, confocal and correlated fluorescence microscopy applications.



- High transparency, low autofluorescence
- Borosilicate glass, thickness 175 µm +/- 15 µm
- Sterile with lids, non-cytotoxic
- Can be used for wavelengths above 350 nm
- Bar codes on request
- Compatibility with automated imaging systems: consult us

Cat.No.	Number of wells	Bottom type	Colour	Treatment	Units/bag	Units/box	Price/box
662892	24	Flat - Transparent	Black	No	1	12	N/A -
655892	96	Flat - Transparent	Black	No	1	16	N/A -
781892	384	Flat - Transparent	Black	No	1	16	N/A -
783892*	1536	Flat - Transparent	Black	No	1	16	N/A -

* Low Base Profile

Greiner Bio-One CELLView® Petri dishes

- Glass background for high resolution/maximum flatness microscopy even in heated enclosures
- Central glass base Ø 24 mm, glass thickness 175 µm
- Numbered compartmented version for parallel cultivation of various conditions
- Surface available in non treated, standard treated (TC) or Advanced TC for sensitive or stressed cells (low serum, transfection, etc.)
- Sterile

Cat.No.	Ø x h (mm)	Treatment	Specifications	Units/bag	Units/box	Price/box
627870	35 x 12	TC	4 compartments	10	40	N/A -
627975	35 x 12	Advanced TC	4 compartments	10	40	N/A -
627871	35 x 12	Non treated	4 compartments	10	40	N/A -
627860	35 x 12	TC	1 compartment	10	40	N/A -
627965	35 x 12	Advanced TC	1 compartment	10	40	N/A -
627861	35 x 12	Non treated	1 compartment	10	40	N/A -



PLATES FOR CELL IMAGING



Nunc™ glass bottom microplates



- Treated culture
- Sterile
- Bottom with Coverglass no. 1.5, low autofluorescence
- Polystyrene upper structure
- For CC2 glass plates, treatment with the same biological effect as Poly-L-Lysine treated plates, to be used for difficult cells such as cancerous, neuronal, transfected or primary
- Compatible with robots

Cat. No.	Number of wells	Bottom type	Colour	Specifications	Units/bag	Units/box	Price/box
Bottom with coverglass							
056006	96	Flat - Transparent	Black	-	6	30	N/A -
056007	96	Flat - Transparent	White	-	6	30	N/A -
056140	96	Flat - Transparent	Black	CC2	6	30	N/A -
055317	96	Flat - Transparent	Black	Non-sterile - Without lid	5	30	N/A -
PS Bottom							
056008	96	Flat - Transparent	White	-	10	30	N/A -
056010	96	Flat - Transparent	Black	-	10	30	N/A -



SPL culture plates for confocal microscopy



- 6-well plates with coverslips
- Made of high quality transparent polystyrene
- For high resolution confocal microscopy
- Sterile
- With lid
- Glass coverslips, thickness 133 µm



Cat. No.	Bottom type	Ø of coverslips in (mm)	Confocal region (cm ²)	Growth area (cm ²)	Treatment	Units/bag	Units/box	Price/box
330083	Flat	13	1.33	9.6	TC	1	4	N/A -
330084	Flat	20	3.14	9.6	TC	1	4	N/A -



Vision Plate Microplates 24 and 96 well for cell screening 4titude®



- Culture-treated (optimises cell adhesion), sterile, with lid
- Polystyrene bottom, thickness 175 µm
- Applications: cell testing, fluorescence testing, chemiluminescence, colorimetry



Cat. No.	Number of wells	Bottom type	Colour	Bottom colour	Treatment	Units/bag	Units/box	Price/box
044811	24	Flat	Black	Transparent	TC	-	24	N/A -
044810	96	Flat	Black	Transparent	TC	-	24	N/A -
044815	96	Flat	Black	Transparent	Collagen	-	24	N/A -
044862	96	Flat	Black	Transparent	Poly-D-Lysine	-	24	N/A -

Which is the best cellware for your suspension cell culture?

1) According to the desired cell yield and/or the type of production expected (e.g. antibodies)

Depending on the number of cells to be cultured, you will need to choose cellware with suitable volumes and yields.

2) According to the type of cells and their fragility

Some cellware generate higher shear forces, so it is necessary to select the best model.

3) According to the necessary gas exchange

The level of gas exchange varies according to the cellware.

4) According to The ease of access to the cell suspension for sampling or replenishment during culture

5) The investment required

Some culture cellware require the purchase of specific and dedicated equipment that must be taken into account.

6) The workload required

The cleaning and sterilisation of certain media can monopolise operators for valuable time.

7) Space in your laboratories

How much space do you have available for your culture?

Once you have weighed the pros and cons, you will have determined your best choice.

Thanks to these questions, we will be able to better understand your needs, your constraints, in order to find the best solutions in the large choice that you will discover in the following pages. Do not hesitate to consult our team of specialists to help you in this process.

All of the following cellware are untreated, suitable for suspension cell culture.



Falcon® cell culture flasks

Falcon® standard non treated cell culture flasks

- Sterilised by gamma rays
- Filter plugs to reduce contamination of the cell culture due to gas exchange
- Volumetric gradations

Cat.No.	Surface area (cm ²)	Type of neck	Cap Type	Units/ bag	Units/ box	Price/ box
353009	25	Canted	Standard	20	200	N/A -
353133	75	Canted	Standard	5	60	N/A -

CELLine BioReactor non treated culture flasks

- A bottle with a double membrane to optimise gas and nutrient exchange
- Equipped with two openings, one allowing access to the chamber containing the cells, the other to renew the medium
- Ideal for high cell density antibody and recombinant protein production
- Compartmented bottle

Cat.No.	Volume (ml)	Type of neck	Cap Type	Units/ bag	Units/ box	Price/ box
353137	15 + 1000	Canted	Standard	1	3	N/A -



CORNING



0431463



431465

Corning® cell culture flasks

Corning® standard non treated cell culture flasks

- > Sterilised by gamma rays
- > Certified non-pyrogenic
- > Vented caps to reduce contamination of the cell culture due to gas exchange
- > Moulded gradations
- > Frosted areas for marking on both sides
- > U-shaped flasks for easy cell recovery



Cat. No.	Surface area (cm ²)	Type of Flask	Type of neck	Cap Type	Units/bag	Units/box	Price/box
00431463	25	Rectangular	Canted	Filter	20	200	N/A -
00431464U	75	U-Shaped	Canted	Filter	5	100	N/A -
431465	150	U-Shaped	Canted	Filter	5	50	N/A -



Greiner Bio-One cell culture flasks



CELLSTAR flasks with standard cap



Culture flask with standard or screw cap, hydrophobic surface ideal for suspension cultures, hybridomas and embryonic stem cells.

- > Canted neck, sterile and peelable packaging
- > Graduation on the sides
- > Sterile

Greiner Bio-One CELLSTAR non treated culture flasks

Cat.No.	Surface area (cm ²)	Type of neck	Cap Type	Units/bag	Units/box	Price/box
690190	25	-	Standard	10	200	N/A -
658190	75	-	Standard	5	120	N/A -
660190	175	Bottom	Standard	5	50	N/A -
661190	175	Top	Standard	4	40	N/A -
690195	25	-	Filter	10	200	N/A -
658195	75	-	Filter	5	120	N/A -
661195	175	Top	Filter	4	40	N/A -

Nunc™ cell culture flasks



Sterile, non treated culture flasks for all applications that do not require anchoring of cells to the bottom of the plates.

- White caps for easy identification
- Sterilised by gamma irradiation and certified as pyrogen-free
- Hydrophobic surface for hybridoma culture and cell suspensions

Nunc™ Standard non treated cell culture flasks

Cat.No.	Surface area (cm ²)	Type of neck	Cap Type	Units/ bag	Units/ box	Price/ box
055459	25	Canted	Filter	10	200	N/A -
055460	75	Canted	Filter	5	100	N/A -
055461	175	Straight	Filter	4	30	N/A -



Nunc™ 3-layer cell culture flasks

A 3-level culture flask with a culture surface of 500 cm² in a volume equivalent to that of a 175 cm² flask, thanks to the presence of three internal trays.

- Recommended volume: 200 ml
- Gamma sterilised
- Easy to use: simply fill the flask until the medium is evenly distributed in each compartment and lay the flask down to incubate

Cat.No.	Surface area (cm ²)	Type of neck	Cap Type	Units/ bag	Units/ box	Price/ box
056345	500	Straight	Filter	1	32	N/A -



SPL cell culture flasks



- High quality transparent polystyrene
- Special neck design: short, wide and angled for access of serological pipettes and scrapers
- Stackable
- Sterile
- Non-cytotoxic

SPL Standard non treated cell culture flasks

Cat.No.	Surface area (cm ²)	Type of neck	Cap Type	Units/ bag	Units/ box	Price/ box
330020	25	Canted	Standard	5	200	N/A -
330021	75	Canted	Standard	5	100	N/A -
330022	175	Canted	Standard	5	40	N/A -
330017	25	Canted	Filter	5	200	N/A -
330018	75	Canted	Filter	5	100	N/A -
330019	175	Canted	Filter	5	40	N/A -



CELLine Wheaton® cell culture flasks



Flasks with a double membrane to optimise gas and nutrient exchange. The culture conditions allow for high cell concentrations of up to 1×10^8 cells/ml and protein concentrations of up to 25 mg/ml.

CELLine flask equipped with two openings, one allowing access to the chamber containing the cells, the other to renew the medium.

➤ 3 presentations

- CELLine CL 350: ideal for work where high cell densities are required
- CELLine CL 1000: this model allows you to obtain a large number of cells
- CELLINE AD 1000: has the same advantages as the classic CELLine, but with a new PET matrix for growing adherent cells

Cat. No.	Specifications	Volume (ml)	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	Price/ box
150102B	CL350	5 + 350	Canted	Standard	Non treated	1	5	N/A -
150103	CL1000	15+1000	Canted	Standard	Non treated	1	3	N/A -
150104	AD1000	15+1000	Canted	Standard	TC	1	3	N/A -



PETRI DISHES



Falcon® Petri dishes



- ▶ Ø 35 mm: EASY GRIP Petri dish for better grip
- ▶ Lid with a high-coverage rim to prevent contamination and 3 lugs for optimal gas exchange
- ▶ Flat, distortion-free culture surface
- ▶ Virgin polystyrene, crystal quality for optical transparency
- ▶ Sterile
- ▶ 351006: with fitted (or tight) lid, to limit evaporation

Falcon® non-treated Petri dishes

Cat. No.	Ø x h (mm)	Type	Units/bag	Units/box	Price/box
351008	40.28 x 6.17	35 mm	20	500	N/A -
351006	50 x 9	50 mm	20	500	N/A -
351007	53.34 x 13.89	60 mm	20	500	N/A -
351029	87.91 x 14.33	100 mm	20	500	N/A -
351058	142.37 x 7.145	150 mm	20	100	N/A -

CORNING

Corning® Petri dishes



- ▶ Optically transparent virgin polystyrene
- ▶ Non-treated for applications where cell adhesion is not desired
- ▶ Edges for easy handling
- ▶ Vents ensure a homogeneous gas exchange
- ▶ Sterile
- ▶ Apyrogenic

Corning® non-treated Petri dishes

Cat. No.	Ø x H (mm)	Type	Units/bag	Units/box	Price/box
430588	36.57 x 11.94	35 mm	20	500	N/A -
430589	57.40 x 15.49	60 mm	20	500	N/A -
430591	92.71 x 20.83	100 mm	20	500	N/A -
430597	148.08 x 27.43	150 mm	5	60	N/A -

Nalgene™ Petri dishes



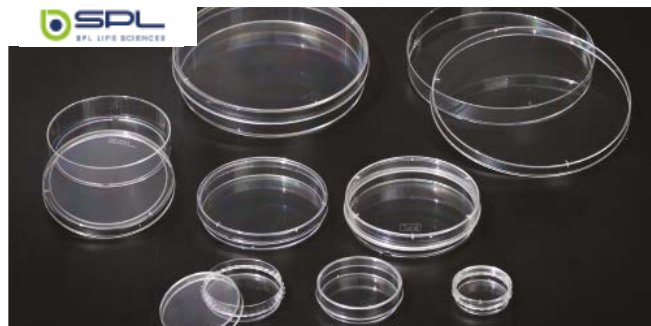
Thermo SCIENTIFIC NALGENE

- ▶ In PMP
- ▶ Stackable for convenience
- ▶ Reusable
- ▶ Autoclavable

Non-treated Petri dishes

Cat. No.	Ø x h (mm)	Type	Units/bag	Units/box	Price/box
029727	92 x 14.7	100 mm	10	60	N/A -

SPL Petri dishes



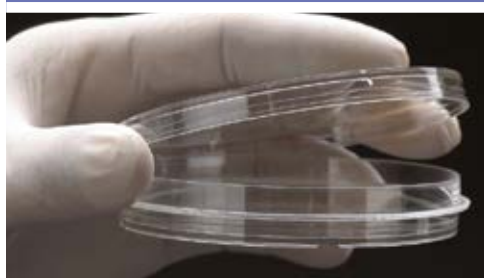
- ▶ Sterile
- ▶ Made of high quality transparent polystyrene

SPL Non-treated Petri dishes

Cat. No.	Ø x h (mm)	Type	Units/bag	Units/box	Price/box
330000*	35 x 9.60	35 mm	10	500	N/A -
330001*	52.80 x 12.80	60 mm	10	500	N/A -
330002	85.73 x 12.60	90 mm	10	500	N/A -
330003	138.57 x 15.40	150 mm	10	120	N/A -
330004	138.57 x 23.30	150 mm	10	120	N/A -

* external grip

Other Petri dishes



- ▶ Sterile
- ▶ Grip ring
- ▶ With vents

Non-treated Petri dishes

Cat. No.	Ø x h (mm)	Type	Treatment	Units/bag	Units/box	Price/box
978262	60 x 15	60 mm	Non treated	10	500	N/A -
978263	100 x 15	100 mm	Non treated	10	500	N/A -

Falcon® non-treated transparent plates and microplates



- The non treated growth surface is more hydrophobic than the tissue culture surface
- Sterilised by gamma irradiation
- Lid for stable stacking on the bench or in the incubator
- Optical clarity for visualisation of all cell monolayers



Cat. No.	Number of wells	Bottom type	Units/bag	Units/box	Price/box
351146	6	Flat	1	50	N/A -
351143	12	Flat	1	50	N/A -
351147	24	Flat	1	50	N/A -
351178	48	Flat	1	50	N/A -
351172	96	Flat	1	50	N/A -
351177	96	Rounded	1	50	N/A -

Corning® non-treated transparent plates and microplates



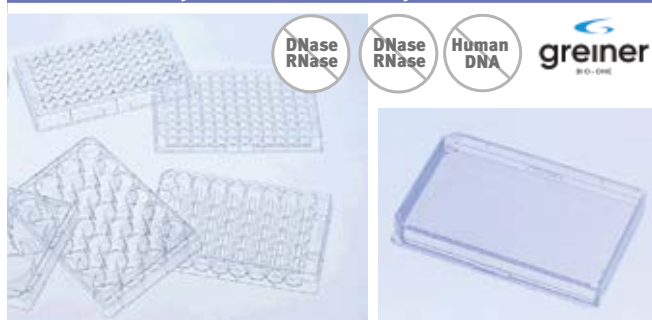
- The non treated growth surface is more hydrophobic than the tissue culture surface
- Sterilised by gamma irradiation
- Lid for stable stacking on the bench or in the incubator
- Optical clarity for visualisation of all cell monolayers



Cat. No.	Number of wells	Bottom type	Units/bag	Units/box	Price/box
003736	6	Flat	5	100	N/A -
003737	12	Flat	5	100	N/A -
003738	24	Flat	5	100	N/A -
003370	96	Flat	20	100	N/A -
003788	96	Rounded	20	100	N/A -

For plates that inhibit Ultra Low Attachment cell adhesion, see the Corning 3D range on page 2.

Greiner Bio-One non-treated transparent plates and microplates



Polystyrene plates, with lid, non-treated, suitable for suspension cell culture, hybridomas, embryonic stem cells.

- High transparency, low autofluorescence
- Peelable packaging
- Alpha-numeric tracking
- FourWell plates are designed to accommodate microscope slides, with notches for easy removal
- Sterile
- Non-cytotoxic

Cat. No.	Number of wells	Bottom type	Units/bag	Units/box	Price/box
1670190	1	Flat	8	32	N/A -
073045	4	Flat	8	32	N/A -
657185	6	Flat	1	100	N/A -
665102	12	Flat	1	100	N/A -
662102	24	Flat	1	100	N/A -
677102	48	Flat	1	100	N/A -
650185	96	Rounded	1	60	N/A -
655185	96	Flat, chimney wells	1	60	N/A -

For plates that inhibit all cell adhesion, see the Greiner Bio-One 3D Cell-Repellent range on page 4.

Nunc™ Non-treated transparent plates and microplates



Non-treated sterile culture plates for all applications that do not require anchoring of cells to the bottom of the plates (suspension).

- With lid
- Standard footprint for multi-well plates for use in conventional equipment

Cat. No.	Number of wells	Bottom type	Units/bag	Units/box	Price/box
056275	1 (rectangular)	Flat	10	100	N/A -
056277	4 (rectangular)	Flat	10	100	N/A -
056279	8 (rectangular)	Flat	10	100	N/A -
055617	4	Flat	120	120	N/A -
055618	6	Flat	5	75	N/A -
055619	12	Flat	1	75	N/A -
055620	24	Flat	1	75	N/A -
055621	48	Flat	1	75	N/A -
056877	96	Flat	25	100	N/A -
056367	96	Conical	10	80	N/A -
056837	96	Rounded	10	160	N/A -

For plates that inhibit all cell adhesion, see the Nunc™ Nunclon Sphera® range on page 10.



SPL Non-treated transparent plates and microplates



- > High quality transparent polystyrene
- > Alphanumeric marking
- > With transparent cap
- > USP Class VI
- > Sterile
- > Non-cytotoxic



Cat. No.	Number of wells	Bottom type	Units/bag	Units/box	Price/box
330025	6	Flat	1	50	N/A -
330028	12	Flat	1	50	N/A -
330031	24	Flat	1	50	N/A -
330034	48	Flat	1	50	N/A -
330037	96	Flat	1	50	N/A -
330040	96	Rounded	1	50	N/A -
330203	384	Flat	10	40	N/A -

For plates that inhibit all cell adhesion, see the SPL 3D range on page 10.



Corning® Mini Reactors for suspension cultures



- > Made of polypropylene
- > For suspension cells, spheroids, aerobic bacteria, yeast
- > Closed, pre-assembled system, limiting the risk of contamination
- > Large marking area
- > Sterile
- > Certified USP Class VI, Animal-Free BSE/TSE



Cat. No.	Volume (ml)	Ø x H (mm)	Tube material	Specifications	Centrifugation speed (g)	Units/bag	Units/box	Price/box
431720	50	2.54 x 10.16	PP	Vented cap	12000	25	300	N/A -
0011705*	50	2.54 x 10.16	PP	With dip tube	-	1	2	N/A -
0011706*	50	2.54 x 10.16	PP	With dip tube and accessories	-	1	2	N/A -
0011750	500	7.62 x 12.7	PP	With dip tube	6000	1	2	N/A -

* Self-Standing skirted Cat.No.



Greiner Bio-One CELLreactor™ Culture Tubes



- > CELLSTAR 15 ml and 50 ml sterile polypropylene tubes with filter caps / small capacity bioreactors
- > For suspension cells, spheroid cells, aerobic bacteria, yeast
- > Completely waterproof even in horizontal position
- > 8-hole plug
- > USP Class VI certified filter with 0.2 µm porosity for maximum sterility
- > Ventilation can be reduced by closing one or more openings



CELLreactor™ culture tubes

Cat. No.	Volume (ml)	Ø x h (mm)	Tube material	Centrifugation speed (g)	Units/bag	Units/box	Price/box
227245	50	29.5 x 115.5	PP	9500	20	500	N/A -
188241	15	17 x 120	PP	4000	20	500	N/A -



Nunc™ culture tubes



- > 200 ml, graduated up to 175 ml
- > Dual position cap: filtering or sealing
- > Gamma sterilised

Cat. No.	Volume (ml)	Ø x h (mm)	Tube material	Specifications	Centrifugation speed (g)	Units/bag	Units/box	Price/box
055050	200	59.9 x 137.2	PP	Double position cap	7000	4	48	N/A -

Accessoire

Cat. No.	Désignation	Units/bag	Units/box	Price/box
055051	Adapter	2	2	N/A -

Corning® Fernbach Erlenmeyer and flasks

Cat. No.	Volume (ml)	Material (Erlenmeyer/cap)	With deflectors	Units/bag	Units/box	Price/box
Erlenmeyer with standard cap						
430421	125	PC/PP	No	1	50	N/A -
430183	250	PC/PP	No	1	50	N/A -
430422	500	PC/PP	No	1	25	N/A -
431146	1000	PC/PP	No	1	25	N/A -
431404	125	PC/PP	Yes	1	50	N/A -
431406	250	PC/PP	Yes	1	50	N/A -
431408	500	PC/PP	Yes	1	25	N/A -
431402	1000	PC/PP	Yes	1	25	N/A -

Cat. No.	Volume (ml)	Material (Erlenmeyer/cap)	With deflectors	Units/bag	Units/box	Price/box
Erlenmeyer with filter cap						
431143	125	PC/PP	No	1	50	N/A -
431144	250	PC/PP	No	1	50	N/A -
431145	500	PC/PP	No	1	25	N/A -
431147	1000	PC/PP	No	1	25	N/A -
431255	2000	PC/PP	No	1	6	N/A -
431405	125	PC/PP	Yes	1	50	N/A -
431407	250	PC/PP	Yes	1	50	N/A -
431401	500	PC/PP	Yes	1	25	N/A -
431403	1000	PC/PP	Yes	1	25	N/A -
431256	2000	PC/PP	Yes	1	6	N/A -
431280	2000	PETG/PP	No	1	6	N/A -
431281	2000	PETG/PP	Yes	1	6	N/A -

Cat. No.	Volume (ml)	Material (Erlenmeyer/cap)	With deflectors	Units/bag	Units/box	Price/box
Fernbach flasks with filter cap						
431252	3000	PC/PP	No	1	4	N/A -
00431685	5000	PC/PP	No	1	4	N/A -
431253	3000	PC/PP	Yes	1	4	N/A -
00431684	5000	PC/PP	Yes	1	4	N/A -
431282	3000	PETG/PP	No	1	4	N/A -
431284	5000	PETG/PP	No	1	4	N/A -
431283	3000	PETG/PP	Yes	1	4	N/A -
431285	5000	PETG/PP	Yes	1	4	N/A -

The Corning Erlenmeyer and Fernbach, are ideal for shaking cultures and storage.

- Sterilised by gamma rays
- USP class VI compliant
- Individual packaging
- Filter caps to optimise gas exchange
- Baffle systems allow better stirring of the cell suspension

DNase
RNaseDNase
RNase

Erlenmeyer



Fernbach flasks

Corning® Closed System Suspension Culture Erlenmeyer

Corning closed systems significantly reduce the risk of contamination during production, saving handling time and increasing process productivity.

- Delivered sterile and pre-assembled
- USP Class VI compliant, animal-free BSE-TSE, non-pyrogenic
- Ideal for inoculating bioreactors

Cat. No.	Volume (ml)	Erlenmeyer material	Connectivity	Aseptic system	Units/bag	Units/box	Price/box
0011405	125	PC	Male Luer Lock	1/8 Dip Tube	1	6	N/A -
0011465	2000	PC	Male Luer Lock	1/4 Dip Tube	1	2	N/A -
00431518	2000	PC	Male MPC disconnect	1/4 Dip Tube	1	3	N/A -
0011501	5000	PC	Male MPC	100 mm aseptic transfer cap	1	2	N/A -
0011502	5000	PC	Male MPC	100 mm aseptic transfer cap	1	2	N/A -

Wide choice of volumes and connections, many other models available, please consult us.





NALGENE

Nalgene™ Erlenmeyer for culture



Accessories

Blue HDPE caps with membrane filter (0.2 µm). Sterile

Cat. No.	Neck	For flasks	Units/bag	Units/box	Price/box
029346	38-430	125 and 250 ml	1	12	N/A -
029347	45-430	500, 1000 and 2000 ml	1	12	N/A -

Erlenmeyer for storing or stirring media.

- > Transparent, graduated
- > Individual packaging
- > Flat bottom or baffled bottom for enhanced shaking
- > Standard tight screw cap or filter cap (0.2 µm)
- > Sterilised by gamma rays

Cat. No.	Vol. (ml)	Material (Erlen/cap)	With deflectors	Units/bag	Units/box	Price/box
With standard cap						
029348	125	PETG/HDPE	No	1	24	N/A -
028406	250	PETG/HDPE	No	1	12	N/A -
028407	500	PETG/HDPE	No	1	12	N/A -
028211	1000	PETG/HDPE	No	1	6	N/A -
028408	2000	PETG/HDPE	No	1	4	N/A -
029774	2800	PETG/HDPE	No	1	4	N/A -
029349	125	PETG/HDPE	Yes	1	24	N/A -
028409	250	PETG/HDPE	Yes	1	12	N/A -
028410	500	PETG/HDPE	Yes	1	12	N/A -
028212	1000	PETG/HDPE	Yes	1	6	N/A -
028411	2000	PETG/HDPE	Yes	1	4	N/A -
029775	2800	PETG/HDPE-LDPE	Yes	1	4	N/A -
With filter cap						
029674	125	PETG/HDPE	No	1	24	N/A -
029675	250	PETG/HDPE	No	1	12	N/A -
029676	500	PETG/HDPE	No	1	12	N/A -
029677	1000	PETG/HDPE	No	1	6	N/A -
029678	2000	PETG/HDPE	No	1	4	N/A -
029776	2800	PETG/LDPE	No	1	4	N/A -
029679	125	PETG/HDPE	Yes	1	24	N/A -
029680	250	PETG/HDPE	Yes	1	12	N/A -
029681	500	PETG/HDPE	Yes	1	12	N/A -
029682	1000	PETG/HDPE	Yes	1	6	N/A -
029683	2000	PETG/HDPE	Yes	1	4	N/A -
029777	2800	PETG/HDPE-LDPE	Yes	1	4	N/A -



SPL Erlenmeyer for culture



Clear polycarbonate bottles.

- > Suspension culture of bacteria, yeast, animal or plant cells
- > Preparation of media or storage
- > Reusable and autoclavable
- > Flat bottom
- > Sterile



Cat.No.	Volume (ml)	Material (Erlenmeyer/cap)	With deflectors	Units/bag	Units/box	Price/box
Erlenmeyer with standard cap						
330100	250	PC/PP	No	1	8	N/A -
330101	500	PC/PP	No	1	8	N/A -
330102	1000	PC/PP	No	1	4	N/A -
330103	2000	PC/PP	No	1	6	N/A -
Erlenmeyer with filter cap						
330230	250	PC/PP	No	1	8	N/A -
330231	500	PC/PP	No	1	8	N/A -
330232	1000	PC/PP	No	1	4	N/A -
330104	2000	PC/PP	No	1	6	N/A -

Erlenmeyer and Fernbach flasks in polycarbonate

- > 70 mm neck for easy filling and cleaning
- > Fernbach shape with or without baffle

Cat. No.	Vol. (ml)	Material Erlenmeyer/cap	With deflectors	Units/bag	Units/box	Price/box
Erlenmeyer flask with standard cap						
978320	2000	PC/HDPE	No	1	6	N/A -
978321	2000	PC/HDPE	Yes	1	6	N/A -
Fernbach flasks with filter cap						
978322	2000	PC/HDPE	No	1	6	N/A -
978323	2000	PC/HDPE	Yes	1	6	N/A -
978324	3000	PC/HDPE	No	1	4	N/A -
978325	3000	PC/HDPE	Yes	1	4	N/A -



Accessories

Cat. No.	Désignation	Units/boxes	Price/box
978326	Standard cap	24	N/A -
978327	Filter caps	24	N/A -

Erlenmeyer with 2-in-1 cap

- > USP Class IV compliant
- > Reusable
- > Autoclavable
- > Sterile SAL 10⁻⁶
- > 2 in 1 polypropylene Leak-proof caps: standard or filter (0.22 µm when removing the overcap)
- > Molded-in graduations improve volumetric accuracy



Cat. No.	Vol. (ml)	Material Erlenmeyer/cap	With deflectors	Units/bag	Units/box	Price/box
355117B	125	PC/PP	No	1	24	N/A -
355121B	250	PC/PP	No	1	12	N/A -
355125B	500	PC/PP	No	1	12	N/A -
355129B	1000	PC/PP	No	1	6	N/A -
355133B	2000	PC/PP	No	1	6	N/A -
355115B	125	PC/PP	Yes	1	24	N/A -
355119B	250	PC/PP	Yes	1	12	N/A -
355123B	500	PC/PP	Yes	1	12	N/A -
355127B	1000	PC/PP	Yes	1	6	N/A -
355131B	2000	PC/PP	Yes	1	6	N/A -
355137B	3000	PC/PP	Yes	1	3	N/A -

Accessories

Filter caps with PTFE membrane 0.2 µm.

Cat. No.	For flasks Cat. No.	Units/box	Price/box
360553	355117B,355115B,355121B,355119B	288	N/A -
360542	355123B,355125B,355129B,355133B,355131B	192	N/A -

Polycarbonate Erlenmeyer

- > Filter cap with PTFE membrane 0.2 µm
- > Graduated

Cat. No.	Vol. (ml)	Material Erlenmeyer/cap	With deflectors	Sterile	Units/bag	Units/box	Price/box
With standard cap							
311143	1000	PC/PP	No	No	6	6	N/A -
311144	1000	PC/PP	No	Yes	6	6	N/A -
311149	2000	PC/PP	No	No	6	6	N/A -
311150	2000	PC/PP	No	Yes	6	6	N/A -
311146	1000	PC/PP	Yes	No	6	6	N/A -
311147	1000	PC/PP	Yes	Yes	6	6	N/A -
311152	2000	PC/PP	Yes	No	6	6	N/A -
311153	2000	PC/PP	Yes	Yes	6	6	N/A -
With filter cap							
311145	1000	PC/PP	No	Yes	6	6	N/A -
311151	2000	PC/PP	No	Yes	6	6	N/A -
311148	1000	PC/PP	Yes	Yes	6	6	N/A -
311154	2000	PC/PP	Yes	Yes	6	6	N/A -



CORNING

Corning® Spinner



Spinner with deflectors and stirring blades for optimal aeration and mixing of the culture.

- Ready to use, supplied with stirring paddle and magnet bar
- Sterile polystyrene (gamma radiation)
- Individual packaging
- Easy access for serological pipettes

TIP



Wide choice of volumes and materials, consult us

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Cap Type	Units/bag	Units/box	Price/box
003152	125	63,5 x 145	PS	Standard	1	12	N/A -
003153	500	87,3 x 203,2	PS	Standard	1	12	N/A -
003561	1000	137 x 245	PS	Standard	1	6	N/A -
003563	3000	188 x 259	PS	Standard	1	4	N/A -
003578	500	63,5 x 145	PS	Filter	1	12	N/A -
003580	1000	137 x 245	PS	Filter	1	6	N/A -
003581	3000	188 x 259	PS	Filter	1	4	N/A -



Duran® GLS80 reactors with magnetic stirring rod



GL14 and GL18 fittings for the introduction and removal of materials during mixing, for the connection of external diameter 1.6 - 12 mm or sterile pressure compensation.

- Much better mix than standard magnet bars
- The stirring rod is interchangeable and can be used at a speed of 500 rpm
- Maximum operating temperature of 140 °C
- Autoclavable
- Easy access for serological pipettes

➤ Applications

- Mixing of liquids
- Dissolution of solids
- Simple fermentation process

Accessories

Cat.No.	Désignation	Price
091912	Helix magnet for GLS80 cap	N/A -
091913	Spare anchor magnet for GLS80 cap	N/A -
091914	Spare GLS80 cap for stirring rod	N/A -
091915	Spare stainless steel shaft with PEEK thread for stirring rod for GLS80 cap	N/A -

Cat.No.	Désignation	Price
091911	Plug GLS80 with magnetic anchor stirring rod	N/A -
096328	Duran® 250 ml bottle with PP GLS80 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps, 2 PBT GL18 red caps	N/A -
091909	Duran® 1 L bottle with PP GLS80 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps, 2 PBT GL18 red caps	N/A -
091910	Duran® 2 L bottle with PP GLS80 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps, 2 PBT GL18 red caps	N/A -



Duran® GL45 reactors with magnetic stirring rod



GL14 and GL18 fittings for the introduction and removal of materials during mixing, for the 1.6 - 6 mm outer diameter connection or sterile pressure compensation

- Much better mix than standard magnet bars
- Can be used at a speed of 500 rpm
- Maximum operating temperature of 140 °C
- Autoclavable

➤ Applications

- Mixing of liquids
- Dissolution of solids

Cat. No.	Désignation	Price
091982	Duran bottle® 500 ml with PP GL45 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps	N/A -
091983	Duran Bottle® 1000 ml with PP GL45 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps	N/A -

Accessories

Cat.No.	Désignation	Price
091985	Retractable eyelet magnet for GL45 cap	N/A -
091984	Spare GL45 blue/grey cap with PP GL14 blue cap	N/A -

GLS80 wide mouth bottles with double wall

- Duran 3.3 borosilicate glass bottles with wide neck GLS80 (Ø int.: 65 mm) and double-walled
- Graduations on the inner wall
- Connectors with red screw caps GL18, PTFE coated seals
- Flat inner bottom compatible with magnetic stirring bars or the GLS80 propeller cap stirring system
- Flasks supplied with GLS80 cap, PBT GL18 connector cap and PTFE olives Ø 10 mm
- Fully autoclavable, operating temperatures: -40 °C to +120 °C
- Glass components can be used between -196 °C and +300 °C

Cat. No.	Volume (ml)	Price
084484	500	N/A -
084485	1000	N/A -

GLS80 Caps

Cat. No.	Désignation	Units/box	Price/box
091919	GLS80 white PSU cap with PTFE coating	1	N/A -
096116	GLS80 PP cap, vented	2	N/A -
091911	GLS 80 Cap with rod, anchor magnet, plugs	1	N/A -
096003	GLS80 PP Cap 4 outlets with winged stirring rod	1	N/A -



Magna Flex flasks

- Side arms for 500 ml to 6 l flasks
- With vented caps to promote gas exchange and eliminate cross-contamination

Cat. No.	Volume (ml)	Dimensions ø x H (mm)	Caps	Arm	Price
048580	125	65 x 155	51 - 400	33 - 430	N/A -
048581	250	85 x 175	51 - 400	33 - 430	N/A -
048582	500	110 x 190	100 - 400	45 mm	N/A -
048583	1000	130 x 250	100 - 400	45 mm	N/A -
048584	3000	178 x 341	100 - 400	45 mm	N/A -
048585	6000	258 x 404	100 - 400	45 mm	N/A -



Bellco® Spinners and Stirring flasks



For the different glass spinners of the BELLCO range, please consult our specialists.

TIP



Corning® Roller Bottles



- ▶ One-piece transparent construction reduces the risk of damage from accidental drops
- ▶ Sterilised by gamma irradiation and certified as pyrogen-free
- ▶ Virgin PS bottles, high density polyethylene caps
- ▶ Comply with USP Class VI requirements for plastic containers and caps
- ▶ **2 types of caps**
 - Easy Grip: optimal design for grip
 - Plug Seal: hermetic sealing of gases and liquids, for closed systems

Corning® Roller Bottle, Culture treated for agitated culture

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm ²)	Type of cap	Units/bag	Units/box	Price/box
430195	1300	102 x 152	PS	Smooth	490	Plug Seal	2	40	N/A -
430849	2200	102 x 254	PS	Smooth	850	EasyGrip	2	40	N/A -
430851	2200	102 x 254	PS	Smooth	850	EasyGrip	5	40	N/A -
431133	2200	102 x 254	PS	Smooth	850	EasyGrip	20	20	N/A -
431198	2200	102 x 254	PS	Smooth	850	EasyGrip filtering	2	40	N/A -
00431321	2200	102 x 254	PS	Smooth	850	EasyGrip	22	44	N/A -
430852	2500	117 x 271	PS	Pleated	1700	EasyGrip	2	40	N/A -
431135	2500	117 x 271	PS	Pleated	1700	EasyGrip	20	20	N/A -
00431191	2500	117 x 271	PS	Pleated	1700	EasyGrip filtering	20	20	N/A -
430699	3000	117 x 528	PS	Smooth	1750	EasyGrip	10	20	N/A -

Corning® Roller Bottle, Culture non-treated for suspension cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm ²)	Type of cap	Units/bag	Units/box	Price/box
00431644	2500	117 x 271	PS	Smooth	850	EasyGrip	1	40	N/A -



Greiner Bio-One Roller Bottles



- ▶ USP Class VI certified
- ▶ Radiation sterilisation
- ▶ Lot number and expiry date on each roller
- ▶ Seamless moulding technology / resistant, high optical quality plastic
- ▶ Safety screw cap
- ▶ High stability and optical clarity



Greiner Bio-One CELLMASTER™ treated culture, for stirring cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm ²)	Type of cap	Units/bag	Units/box	Price/box
682612	4970	122 x 500	PS	Smooth	1700	Standard	12	12	N/A -
682660	4970	122 x 500	PS	Smooth	1700	Standard	1	12	N/A -
682670	4640	122 x 500	PS	Pleated	4250	Standard	1	12	N/A -
682615	4970	122 x 500	PS	Smooth	1700	Filter	12	12	N/A -
682678	4640	122 x 500	PS	Pleated	4250	Filter	1	12	N/A -
680160	2300	116 x 276	PET	Smooth	850	Filter	1	18	N/A -
680170	2300	116 x 276	PET	Smooth	850	Filter	30	30	N/A -
680180	2300	116 x 276	PET	Smooth	850	Filter	1	18	N/A -

TUFROL™ Nunc™ Rollers



- In polystyrene
- Smooth or pleated
- Shallow and deep indents (safety and robustness)
- Designed for high volume production of animal cells
- Manual or automated use
- Non-cytotoxic, non-pyrogenic
- TUFROL™ EZ: easier handling thanks to a rounder bottom and a shoulder for easy pouring of liquids
- Sterile



CELL CULTURE

TUFROL™ et TUFROL™ EZ Nunc™, culture-treated, for stirring cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm²)	Cap Type	Specifications	Units/bag	Units/box	Price/box
TUFROL™ Rollers										
353007B	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	2	20	N/A -
353008B	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	20	20	N/A -
353088B*	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	20	20	N/A -
353068B	2000	117.3 x 276.9	PS	Smooth	850	Filter	-	2	20	N/A -
353079B	2000	117.3 x 276.9	PS	Pleated	1450	Standard	-	20	20	N/A -
056781*	2000	117.3 x 276.9	PS	Pleated	1450	Standard	-	20	20	N/A -
353069B*	2000	117.3 x 276.9	PS	Pleated	1450	Filter	-	20	20	N/A -
TUFROL™ EZ Rollers										
353151B	2000	117.3 x 276.9	PS	Smooth	850	Standard	Very deep bottom	2	20	N/A -
353152B	2000	117.3 x 276.9	PS	Smooth	850	Standard	Very deep bottom	20	20	N/A -
353153B*	2000	117.3 x 276.9	PS	Smooth	850	Standard	Very deep bottom	20	20	N/A -
353154B	2000	117.3 x 276.9	PS	Smooth	850	Filter	Very deep bottom	2	20	N/A -
353160B	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	2	20	N/A -
353161B*	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	20	20	N/A -
353162B	2000	117.3 x 276.9	PS	Smooth	850	Filter	-	2	20	N/A -

HDPE caps for TUFROL™ rollers

Cat. No.	Désignation	Units/bag	Units/box	Price/box
056782	Filter cap	250	500	N/A -
056783	Standard cap	250	500	N/A -

* Double packaging

SPL Rollers



Culture bottles, for large volumes of suspended cells.

- Rotational cultivation system allows maximum yield with minimum reagent volume
- Prevention of gradient formation / optimum gas exchange
- High transparency plastic
- Sterile
- Black gradations



SPL Roller Bottle, non-treated Culture, for suspension cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm²)	Cap Type	Units/bag	Units/box	Price/box
330228	2000	116.5 x 245.3	PS/HDPE	Smooth	850	Standard	2	40	N/A -
330229	2000	116.5 x 245.3	PS/HDPE	Smooth	850	Filter	2	40	N/A -

Other roller bottles



- Polyethylene cap
- Sterile
- Easy to handle
- With or without filter cap
- Black gradations

Roller Bottles, non-treated Culture, for suspension cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm ²)	Cap Type	Units/bag	Units/box	Price/box
978215	1000	116.5 x 176	PS	Smooth	490	Standard	1	24	N/A -
978216	1000	116.5 x 176	PS	Smooth	490	Filter	1	24	N/A -
978217	2000	116.5 x 276	PS	Smooth	850	Standard	1	12	N/A -
978218	2000	116.5 x 276	PS	Smooth	850	Filter	1	12	N/A -

Culture bags



Products for *in vitro* fertilisation

The consumables below are non-adherent cell plastics, specifically tested and certified as "non-embryo-toxic".

Falcon® Products for *in vitro* fertilisation



- Each batch is tested for non-cytotoxicity
- Made of crystal virgin polystyrene, pre-tested and certified
- Sterilised by gamma rays (10⁻⁶)
- Manufacture according to USP class VI standard
- CE marking according to the European Directive 93/42/EEC on medical devices

Falcon® IVF 4-well Culture Plates

- Numbered wells
- Large marking area
- Peelable unit packaging
- Well surface area: 1.4 cm²
- Well volume 1.8 ml
- 2-piece lid prevents contamination and evaporation
- One-piece lid for one-handed operation

Cat. No.	Ø x H (mm)	Specifications	Units/ bag	Units/ box	Price/ box
353654	4	In 2 parts	1	100	N/A -
353671	4	In 1 part	1	100	N/A -



Falcon® Petri dish for IVF

Cat. No.	Ø x H (mm)	Specifications	Units/ bag	Units/ box	Price / box
353652	60 x 15	-	20	500	N/A -
For organ culture					
353653	60 x 15	Central well	20	500	N/A -
For ICSI (Intra Cytoplasmic Sperm Injection)					
353655	50 x 9	Non- treated for tissue culture	4	100	N/A -

Nunc™ Petri dishes for IVF



- Certified for IVF
- Sterile
- Non-treated surface
- CE marking:
- USP Class VI tested
- With vents

Cat. No.	Ø x H (mm)	Units/ bag	Units/ box	Price/ box
056318	35 x 10	10	500	N/A -
056317	60 x 15	10	400	N/A -
056449	90 x 17	10	150	N/A -

With 3 ml central well

Cat. No.	Ø x H (mm)	Specifications	Units/ bag	Units/ box	Price/ box
056727	55 x 16	Central well	1	120	N/A -

ICSI: Intra Cytoplasmic Sperm Injection

Super polished optical bottom.

Cat. No.	Ø x H (mm)	Specifications	Units/ bag	Units/ box	Price/ box
056726	51 x 9	ICSI	1	120	N/A -



Nunc™ IVF culture tube



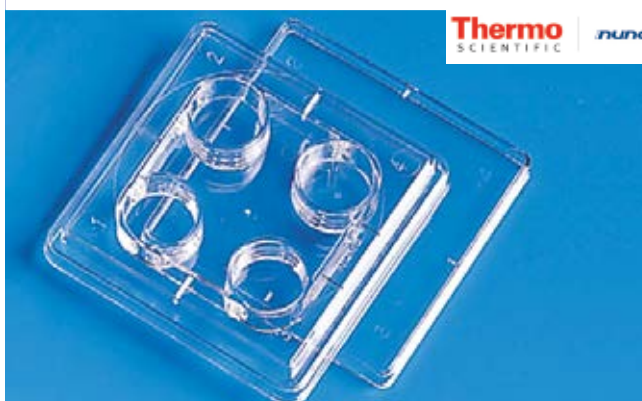
- Marking CE, directive 93/42/EEC
- Single certification, stage 1 mouse cell embryo toxicity test
- Sterile
- USP Class VI testing, batch control of all components for full traceability of the finished product



Description	11 ml tube
Cap Type	Fitting
Cap Material	PS/PP
Maximum RCF tested	6000
Bottom shape	Conical
Ext. dimension (mm)	16 x 110
Units/box	300
Cat. No.	056423
Price/ box	N/A -

P: polypropylene; PS: polystyrene

Nunc™ Petri plates for IVF



- Certified for IVF
- CE marking:
- With lid
- Volume per well: 1.2 ml
- Surface area per well: 1.9 cm²

Cat. No.	Number of wells	Treatment	Units/ bag	Units/ box	Price/ box
056258	4	TC	4	120	N/A -
056469	4	Non treated	4	120	N/A -



Culture holders for SPL embryos

- Made of high quality transparent polystyrene
- With lid
- Sterile, USP class VI
- MEA Embryo survival test



Petri dishes

Cat. No.	Ø x h (mm)	Specifications	Treatment	Units/bag	Units/box	Price/box
Ø 60 mm						
330093	60 x 15	Grip	TC	10	500	N/A -
330094	60 x 15	Grip	Non treated	10	500	N/A -
With Ø 20mm central well						
330091	60 x 15	Grip	TC	10	500	N/A -
330092	60 x 15	Grip	Non treated	10	500	N/A -



4-well culture plates

- Internal diameter of the wells 15.8 mm
- Well surface area: 2 cm²
- Usable capacity: 1 ml

Cat. No.	Number of wells	Treatment	Units/bag	Units/box	Price/box
330090	4	Non treated	120	500	N/A -
393006	4	TC	120	500	N/A -

Culture chambers

Grow, fix, stain and examine your samples under the microscope without having to transfer the cells.



Falcon® Culture chambers



- Sterile
- Polystyrene chamber glued to a soda-lime glass microscope slide (75 x 25 mm; thickness 1.2 mm)
- Acrylic adhesive, biocompatible, pressure sensitive Seal
- Hydrophobic blue edge defining the cell culture areas
- Numbered wells
- Comes with removal tool that separates the chamber from the slide

➤ Applications

- In situ analysis (PCR, immunostaining, fluorescence)
- Tissue or tumour typing

➤ Recommended volume depending on the surface

Number of compartments	Culture area (cm ²)	Working volume (ml)/chamber
4	1.7	0.7-1.25
8	0.7	0.3-0.5

Cat. No.	Number of compartments	Slide material	Treatment	Units/bag	Units/box	Price/box
354114	4	Soda-lime glass	-	12	24	N/A -
354104	4	Soda-lime glass	-	12	96	N/A -
354557	4	Soda-lime glass	Collagen I	4	12	N/A -
354559	4	Soda-lime glass	Fibronectin	4	12	N/A -
354577	4	Soda-lime glass	Poly-D-Lysine	4	12	N/A -
354118	8	Soda-lime glass	-	12	24	N/A -
354108	8	Soda-lime glass	-	12	96	N/A -
354557	8	Soda-lime glass	Collagen I	4	12	N/A -
354631	8	Soda-lime glass	Fibronectin	4	12	N/A -
354632	8	Soda-lime glass	Poly-D-Lysine	4	12	N/A -

Greiner Bio-One Culture Chambers



- Sterile
- Polystyrene chamber glued to a microscope slide with integrated borosilicate glass coverslip, class 1.0 (75 x 25 mm; thickness of central glass coverslip 175 µm)
- 2 versions: standard culture-treated borosilicate glass or Advanced TC treated borosilicate glass
- Detachable black compartment prevents signal cross-contamination and autofluorescence problems
- Compatible with high resolution microscopy techniques
- Alphanumeric marking
- Non-cytotoxic



➤ Recommended volume depending on the surface

Number of compartments	Culture area (cm ²)	Working volume (ml)/chamber
10	3.3	0.44

Cat. No.	Number of compartments	Slide material	Treatment	Units/bag	Units/box	Price/box
543079	10	Borosilicate glass	Standard TC	5	45	N/A -
543078	10	Borosilicate glass	Standard TC	1	20	N/A -
543979	10	Borosilicate glass	Advanced TC	5	45	N/A -
543978	10	Borosilicate glass	Advanced TC	1	20	N/A -

Nunc™ LabteK™ culture chambers



➤ Recommended volume depending on the surface

Number of compartments	Culture area (cm ²)	Working volume (ml)/chamber
1	9.4	2.5-4.5
2	4.2	1.2-2
4	1.8	0.5-0.9
8	0.8	0.2-0.4
16	0.4	0.1-0.2

- Polystyrene chamber glued to a microscope slide or coverslip
- Medical grade silicone seal
- Lid with handle on the side (without handle for the 16-compartment version)

On slide, separable with silicone seal

- Surface of the slide culture-treated
- 2 versions: in culture-treated soda-lime glass or Nunclon Delta culture-treated Permanox plastic
- Dimensions L x W: 75 x 25 mm, thickness: 1 mm
- Minimum fluorescence
- Glass has a higher chemical resistance to solvents, acids, bases and heat than plastic
- The chamber can be easily separated from the slide, without tools
- The silicone seal acts as a barrier between the compartments once the chamber is removed
- The 16-well version has 2 x 8 wells with the same spacing as a microplate: it also has a lateral writing area



Cat. No.	Number of compartments	Slide material	Units/box	Price/box
055072	1	Soda-lime glass	8	N/A -
055073	2	Soda-lime glass	8	N/A -
055074	4	Soda-lime glass	8	N/A -
055075	8	Soda-lime glass	8	N/A -
055088	16	Soda-lime glass	16	N/A -
055068	1	Permanox plastic	8	N/A -
055069	2	Permanox plastic	8	N/A -
055070	4	Permanox plastic	8	N/A -
055071	8	Permanox plastic	8	N/A -

Coverslip as accessory

Cat. No.	Dim. L x W (mm)	Recommended for	Units/box	Price/box
055089B	22 x 74	16-compartment chamber Cat. No. 055088	96	N/A -

On coverslip, separable with silicone seal

- Borosilicate glass 1.0
- Dimensions L x W: 75 x 57 mm, thickness: n°1 (0.013 - 0.017 mm)
- The chamber cannot be separated from the coverslip
- Optimal for high power inverted microscopy observations

Cat. No.	Number of compartments	Slide material	Units/box	Price/box
055080	1	Borosilicate glass	8	N/A -
055081	2	Borosilicate glass	8	N/A -
055082	4	Borosilicate glass	8	N/A -
055083	8	Borosilicate glass	8	N/A -



Nunc™ LabteK II™ Culture chambers

On slide, separable with adhesive



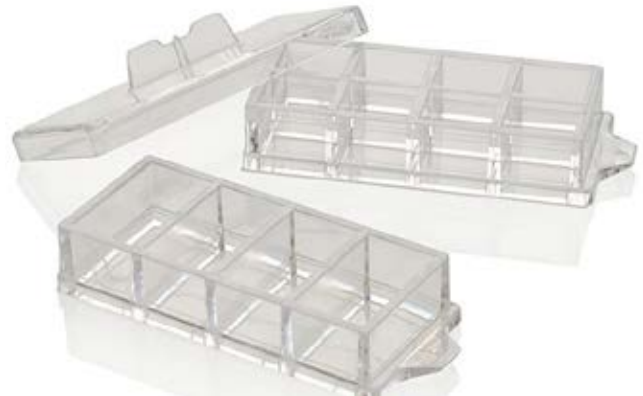
- Surface of the slide culture-treated
- 2 versions: culture-treated soda-lime glass or CC² glass, chemically modified to be positively charged reproducing the properties of a poly-D-lysine coating
- Dimensions L x W: 75 x 25 mm
- Superfrost™ marking area on the soda-lime glass slide and light blue marking area on the CC² glass slide
- Minimum fluorescence
- Comes with removal tool that separates the chamber from the slide
- The biocompatible adhesive acts as a barrier between the chamber and the slide when the two are assembled; once the chamber is removed, the slide has a hydrophobic edge that isolates the wells

Cat. No.	Number of compartments	Slide material	Units/box	Price/box
055076	1	Soda-lime glass	16	N/A -
055077	2	Soda-lime glass	16	N/A -
055078	4	Soda-lime glass	16	N/A -
055079	8	Soda-lime glass	16	N/A -
055596	1	Glass CC ²	16	N/A -
055597	2	Glass CC ²	16	N/A -
055598	4	Glass CC ²	16	N/A -
055599	8	Glass CC ²	16	N/A -

- Polystyrene chamber glued to a microscope slide or coverslip
- Biocompatible adhesive, hydrophobic edges for each compartment
- Lid with handle on top
- Recommended volume depending on the surface

Number of compartments	Culture area (cm ²)	Working volume (ml)/chamber
1	8.6	2 - 4.5
2	4	4386 - 2
4	1.7	0.5 - 1
8	0.7	0.2 - 0.5

On coverslip, non-separable with adhesive



- Borosilicate glass 1.5
- Dimensions L x W: 55 x 24 mm, thickness: n°1.5 (0.016 - 0.019 mm)
- The chamber cannot be separated from the coverslip
- Optimal for high power inverted microscopy observations
- Supplied on trays suitable for incubator use and stackable

Cat. No.	Number of compartments	Slide material	Units/box	Price/box
055084	1	Borosilicate glass	16	N/A -
055085	2	Borosilicate glass	16	N/A -
055086	4	Borosilicate glass	16	N/A -
055087	8	Borosilicate glass	16	N/A -

Merck Millipore® Millicell EZ slide



- Polystyrene chamber glued to a glass microscope slide
- The chamber can be easily separated from the slide, without tools
- Numbered wells
- Recommended volume depending on the surface

Number of compartments	Culture area (cm ²)	Working volume (ml)/chamber
4	1.7	0.5 - 1.7
8	0.7	0.2 - 0.7

Cat. No.	Number of compartments	Slide material	Units/bag	Units/box	Price/box
051988	4	Glass	4	16	N/A -
051989	4	Glass	16	96	N/A -
051990	8	Glass	4	16	N/A -
051991	8	Glass	16	96	N/A -

SPL culture chambers

- Sterile
- Polystyrene chamber glued to a glass microscope slide (75 x 25 mm)
 - DNase RNase
 - Human DNA
 - DNase RNase
- Non-cytotoxic
- Slide available in different materials:
 - glass, naturally charged, ideal growth surface for adherent cells;
 - DLux, modified plastic with minimal autofluorescence;
 - FLux, modified plastic film (188 µm) for confocal microscopy
- Alphanumeric marking
- Supplied on trays suitable for use in incubators

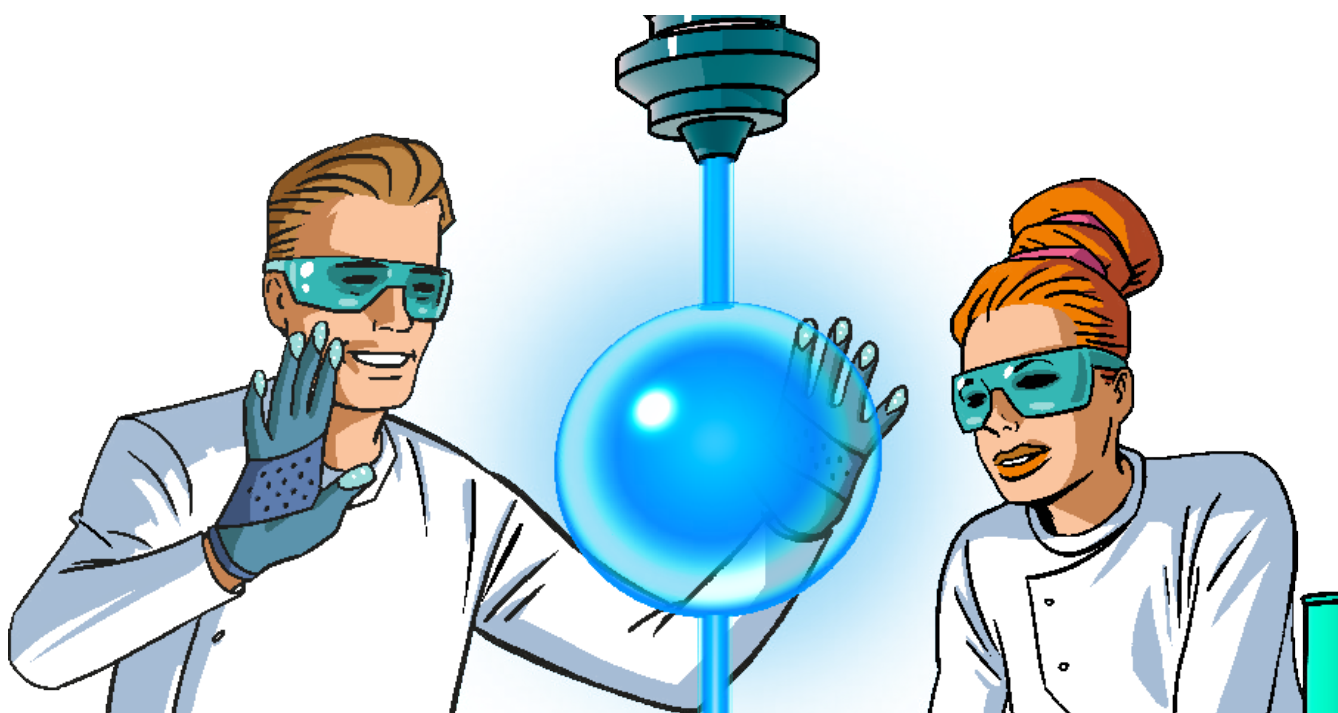


➤ Recommended volume depending on the surface

Number of compartments	Culture area (cm ²)	Working volume (ml)/chamber
1	9.4	2.5-5.5
2	4.55	1.2-2.5
4	2.13	0.5-1.3
8	0.98	0.2-0.6



Cat. No.	Number of compartments	Compartment Colour	Slide material	Culture-treated	Units/bag	Units/box	Price/box
330049	1	Transparent	Glass	No	6	12	N/A -
330050	1	Black	Glass	No	6	12	N/A -
330051	1	White	Glass	No	6	12	N/A -
330052	2	Transparent	Glass	No	6	12	N/A -
330053	2	Black	Glass	No	6	12	N/A -
330054	2	White	Glass	No	6	12	N/A -
330055	4	Transparent	Glass	No	6	12	N/A -
330056	4	Black	Glass	No	6	12	N/A -
330057	4	White	Glass	No	6	12	N/A -
330058	8	Transparent	Glass	No	6	12	N/A -
330059	8	Black	Glass	No	6	12	N/A -
330060	8	White	Glass	No	6	12	N/A -
330061	1	Transparent	DLux	Yes	6	12	N/A -
330063	2	Transparent	DLux	Yes	6	12	N/A -
330065	4	Transparent	DLux	Yes	6	12	N/A -
330067	8	Transparent	DLux	Yes	6	12	N/A -
330062	1	Transparent	FLux	Yes	6	12	N/A -
330064	2	Transparent	FLux	Yes	6	12	N/A -
330066	4	Transparent	FLux	Yes	6	12	N/A -
330068	8	Transparent	FLux	Yes	6	12	N/A -



Culture flasks on slide



Nunc™ culture flasks on slide



Flaskette (white cap)

Flask (black cap)

Applications

- Autoradiography
- Single-cell immunofluorescence

Cat. No.	Description	Packing units	Units/box	Price/box
055065	Flask	5	50	N/A -
055066	Flaskette	8	16	N/A -

Flask

- ▶ Flask attached to a Nunclon™ Delta culture-treated polystyrene slide by ultrasonic welding for long-term, leak-free incubation
- ▶ The flask can be easily detached from the slide

▶ Recommended volume depending on the surface

Culture area (cm ²)	Working volume (ml)/chamber
10	2.5- 5

Flaskette

- ▶ Flask (20 x 50 mm) fixed on a glass slide with a seal
- ▶ The flask can be detached from the slide

▶ Recommended volume depending on the surface

Culture area (cm ²)	Working volume (ml)/chamber
9	2.5- 5



Hybridwell™ culture flasks on SPL slides



▶ Sterile

- ▶ Polystyrene chamber glued to a glass microscope slide (75 x 25 mm)

▶ Non-cytotoxic

▶ Slide available in different materials:

- glass, naturally charged, ideal growth surface for adherent
- DLux, modified plastic with minimal autofluorescence;
- FLux, modified plastic film (188 µm) for confocal microscopy



▶ Recommended volume depending on the surface

Culture area (cm ²)	Working volume (ml) / chamber
9	2.5-5-5

Cat. No.	Culture-treated	Packing units	Units/box	Price/box
330069	No	6	12	N/A -
330070	Yes	6	12	N/A -
330071	Yes	6	12	N/A -

Culture Slides and coverslips

Enjoy cell attachment and growth similar to standard cell culture products (flasks and dishes) thanks to culture-treated microscope slides.

Applications

Cell and tissue studies / Immunofluorescence and immunolabelling for cytology, histology, parasitology, bacteriology and virology / Immobilisation of DNA, nucleic acids, antibodies, proteins, and other small molecules / Protein labelling, microarrays / Hybridisation studies

Falcon® Culture Slides and coverslips



Treatment to increase cell adhesion

Cat.No.	Ø (mm)	Treatment	Packing units	Units/box	Price/box
354086	12	Poly-D-Lysine	80	80	N/A -
354087	12	Poly-D-Lysine/Laminine	80	80	N/A -
354085	12	Poly-L-Lysine	80	80	N/A -
354089	22	Collagen I	60	60	N/A -
354088	22	Fibronectin	60	60	N/A -



Nunc™ Culture Slides and coverslips

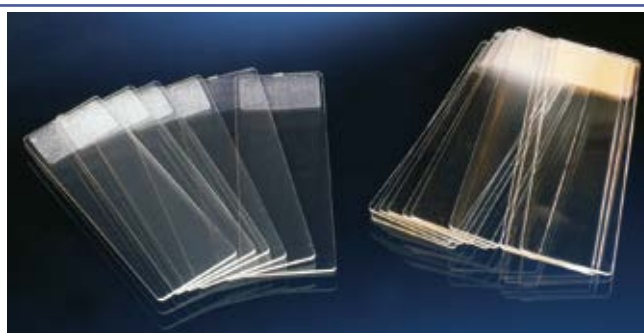


Culture-treated Slides

2 types of plastics:

- Permaxox: transparent plastic for minimal fluorescence
- polystyrene: autofluorescence < 485 nm

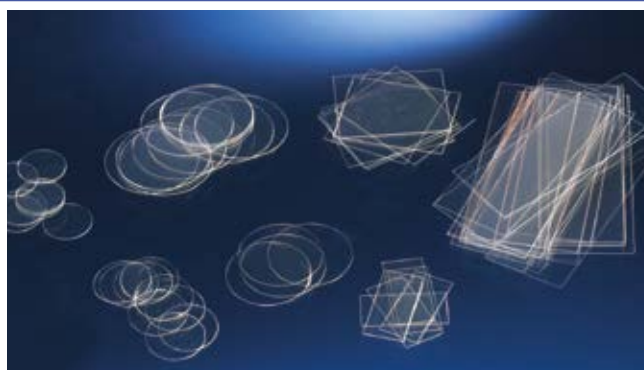
Cat.No.	Dimensions L x W(mm)	Material	Packing units	Units/box	Price/box
055600	25 x 75	Polystyrene	20	100	N/A -
055601	25 x 75	Permaxox	20	100	N/A -



Thermanox™ Culture-treated coverslips

- Made of exclusive polyester, highly resistant to solvents (xylene, acetone, acetic acid)
- Very low gas permeability
- Autofluorescence: 380 nm to 545 nm
- Thickness: 0.2 mm
- Applications: cytochemical staining, mounting, coating or scintillation counting
- Not recommended for phase contrast microscopy or techniques involving fluorescent dyes

Cat.No.	Ø (mm)	Recommended for	Packing units	Units/box	Price/box
055117	13	24-well plates	50	500	N/A -
056167	15	-	50	500	N/A -
056168	22	-	50	500	N/A -
055120	25	6-well plates	50	500	N/A -



Rectangular coverslips

Cat. No.	Dimensions L x W(mm)	Recommended for	Packing units	Units/box	Price/box
055121	10.5 x 22	8-well square culture chambers, Cat. No. 056278 and 056279; Flask on slide, Cat. No. 055054	50	500	N/A -
055122	22 x 60	4-well square culture chambers, Cat. No. 056276 and 056277	50	500	N/A -
056166	24 x 30	-	50	500	N/A -

Other culture-treated slides

More resistant than standard slides

2 versions:

- in standard crystal polystyrene
- in acrylic for UV transmission

Thickness: 1.1 mm

- Not resistant to the following chemicals: ethanol, methanol, phenol, organic acids (e.g. acetic acid), gasoline, aromatic solvents (e.g. benzene, toluene, xylene and turpentine), chlorinated hydrocarbons (e.g. methylene chloride and tetrachloromethane), ketones and others



Cat.No.	Dimensions L x W(mm)	Material	Packing units	Units/box	Price/box
064053	75 x 25	Polystyrene	25	150	N/A -
064054	75 x 25	Acrylic	25	150	N/A -

15 AND 50 ML CENTRIFUGE TUBES



Falcon® 15 and 50 ml centrifuge tubes



Volume (ml)	15				50	
Ø ext. (mm)	17				29.72	
Ø int. (mm)	14.66				27.81	
H. without cap (mm)	118.8				114.55	
H. with cap (mm)	120.75				115.8	
Material	Polypropylene; HDPE cap	Polypropylene; HDPE cap	Polystyrene; HDPE cap	Polystyrene; HDPE cap	Polypropylene; HDPE cap	Polypropylene; HDPE cap
Sterile	Yes				Yes	
Autoclavable	No				No	
Max. centrifugal speed (g)	12000	12000	1800	1800	16000	16000
Skirt	No				No	
Graduation	Yes (0.5 ml increments)				Yes (2.5 ml increments)	
Marking area	Yes				Yes	
Colour	Transparent				Transparent	
Operating temperature	-80 °C to +121 °C				-80 °C to +121 °C	
Specifications	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for improved cell and protein recovery	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for better cell and protein recovery. Rack with alphanumeric marking and window for viewing tube contents	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for improved cell and protein recovery	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for better cell and protein recovery. Rack with alphanumeric marking and window for viewing tube contents	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for improved cell and protein recovery	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for improved cell and protein recovery. Rack with alphanumeric marking and window for viewing tube contents
Units/box	10 bags of 50 tubes	10 racks of 50 tubes	10 bags of 50 tubes	10 racks of 50 tubes	20 bags of 25 tubes	20 racks of 25 tubes
Blue cap Cat. No.	352096	352097	352095	352099	352070	352098
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



Nunc™ 15 and 50 ml centrifuge tubes



Volume (ml)	15		50	
Ø ext. (mm)	17		30	
Height (mm)	120		115	
Material	Polypropylene		Polypropylene	
Sterile	Yes		Yes	
Autoclavable	No		No	
Max centrifugal speed (g)	10500		17000	
Skirt	No		No	
Graduation	Yes		Yes	
Marking area	Yes		Yes	
Colour	Translucent		Translucent	
Specifications	Free of Dnase, Rnase, endotoxin; non-cytotoxic; USP class VI	Free of Dnase, Rnase, endotoxin; non-cytotoxic; USP class VI; recyclable plastic holder	Free of Dnase, Rnase, endotoxin; non-cytotoxic; USP class VI	Free of Dnase, Rnase, endotoxin; non-cytotoxic; USP class VI; recyclable plastic holder
Units/box	10 bags of 50 tubes	20 racks of 25 tubes	20 bags of 25 tubes	12 racks of 25 tubes
Blue cap Cat. No.	056770	056771	056772	056773
Price/box	N/A -	N/A -	N/A -	N/A -

15 AND 50 ML CENTRIFUGE TUBES

Corning® 15 et 50 ml centrifuge tubes

CORNING

CELL CULTURE



Volume (ml)	15					
Ø (mm)	17.5					
Height (mm)	118.5					
Material	PET; HDPE cap			Polypropylene; HDPE cap		
Sterile	Yes					
Cap Type	With screw and seal	With screw and seal	With screw and seal	With screw and seal	CentriStar™	CentriStar™
Autoclavable	No					
Max. centrifugal speed (g)	3600	3600	12000	12000	12500	12500
Skirt	No					
extGraduation . (mm)	Yes (0.5ml increments between 1.5ml and 14.5ml)					
Marking area	Yes					
Colour	Translucent					
Operating temperature	-	-	-	-	-80 °C to +120 °C	-80 °C to +120 °C
Specifications	Free of Dnase, Rnase, endotoxin; non-cytotoxic; Tested 95kPa				Cap design for easy handling, easy opening and closing and perfect sealing; Free of Dnase, Rnase, endotoxin; Non-cytotoxic	
Units/box	10 bags of 50 tubes	10 racks of 50 tubes	10 bags of 50 tubes	10 racks of 50 tubes	10 bags of 50 tubes	10 racks of 50 tubes
Orange cap Cat.No.	430055	430053	430766	430052	430791	430790
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



Volume (ml)	50						
Ø (mm)	29.1						
Height (mm)	114.4	114.4	114.4	114.9	114.4	114.4	115.08
Material	PET; HDPE cap	Polypropylene; HDPE cap		Polypropylene; polyethylene cap	Polypropylene; HDPE cap		Polypropylene; polyethylene cap
Sterile	Yes						
Cap Type	With screw and seal				CentriStar™		
Autoclavable	No						
Max. centrifugal speed (g)	3600	15500	15500	3000	17000	17000	3000
Skirt	No	No	No	Yes	No	No	Yes
Graduation	Yes (2.5ml increments between 5ml and 50ml)						
Marking area	Yes						
Colour	Translucent						
Operating temperature	-	-	-	-	-80 °C to +120 °C	-80 °C to +120 °C	-80 °C to +120 °C
Specifications	Free of Dnase, Rnase, endotoxin; Non-cytotoxic; Tested 95kPa				Cap design for easy handling, easy opening and closing and perfect sealing; Free of Dnase, Rnase, endotoxin; Non-cytotoxic		
Units/box	20 racks of 25 tubes	20 bags of 25 tubes	20 racks of 25 tubes	20 bags of 25 tubes	20 bags of 25 tubes	20 racks of 25 tubes	20 bags of 25 tubes
Orange cap Cat. No.	430304	430291	430290	430897	430829	430828	430921
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

15 AND 50 ML CENTRIFUGE TUBES



Greiner Bio-One 15 and 50 ml centrifuge tubes



Volume (ml)	15									
Ø ext. (mm)	16.95									
Ø int. (mm)	15.16									
Height without cap (mm)	119.5									
Height with cap (mm)	120.5									
Material	Polystyrene; HDPE cap					Polypropylene; HDPE cap				
Sterile	Yes									
Autoclavable	No					Yes (without cap)				
Max centrifugal speed (g)	4500					15000				
Skirt	No									
Graduation	Yes (increment 0.5)									
Marking area	Yes									
Colour	Transparent					Black				
Operating temperature	-20 °C to +60 °C					-196 °C to +121 °C				
Specifications	Free of Dnase, Rnase, human DNA, endotoxin and heavy metals; non-cytotoxic					Triple pack ideal for cleanroom applications; Free of RNase, DNase, human DNA and pyrogen; non-cytotoxic		Free of Dnase, RNase, human DNA, endotoxins and heavy metals; non-cytotoxic		
Units/box	10 bags of 100 tubes	10 racks of 50 tubes	10 bags of 100 tubes	10 racks of 50 tubes	100 triple pack of 5 tubes	1 bag of 100 tubes	10 bags of 100 tubes	1 rack of 50 tubes	10 racks of 50 tubes	
Blue cap Cat. No.	188171	188161	188271	188261	188271TRI	188280A	188280	188283A	188283	
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



Volume (ml)	50									
Ø ext. (mm)	29.5									
Ø int. (mm)	27.48									
Height without cap (mm)	114.5	114.5	114.5	115.5	115.5	114.5	114.5	114.5	114.5	114.5
Height with cap (mm)	115.5	115.5	115.5	116.5	116.5	115.5	115.5	115.5	115.5	115.5
Material	Polypropylene; HDPE cap									
Sterile	Yes									
Autoclavable	Yes (without cap)	Yes (without cap)	Yes (without cap)	No	No	Yes (without cap)	Yes (without cap)	Yes (without cap)	Yes (without cap)	Yes (without cap)
Max centrifugal speed (g)	17000	17000	17000	11500	11500	9000	9000	9000	9000	9000
Skirt	No	No	No	Yes	Yes	No	No	No	No	No
Graduation	Yes (2.5 ml increments)									
Marking area	Yes									
Colour	Translucent					Black				
Operating temperature	-196 °C to +121 °C									
Specifications	Free of Dnase, RNase, human DNA, endotoxins; non-cytotoxic			Triple pack ideal for cleanroom applications; Free of Dnase, RNase, human DNA, endotoxins; non-cytotoxic		Free of Dnase, RNase, human DNA, endotoxins; non-cytotoxic				
Units/box	20 bags of 25 tubes	12 racks of 25 tubes	50 triple pack of 5 tubes	18 bags of 25 tubes	12 racks of 25 tubes	1 bag of 20 tubes	25 bags of 20 tubes	Rack of 25 tubes	12 racks of 25 tubes	
Blue cap Cat. No.	227261	227270	227261TRI	210261	210270	227280A	227280	227283A	227283	
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

15 AND 50 ML CENTRIFUGE TUBES

ClearLine® 15 et 50 ml centrifuge tubes

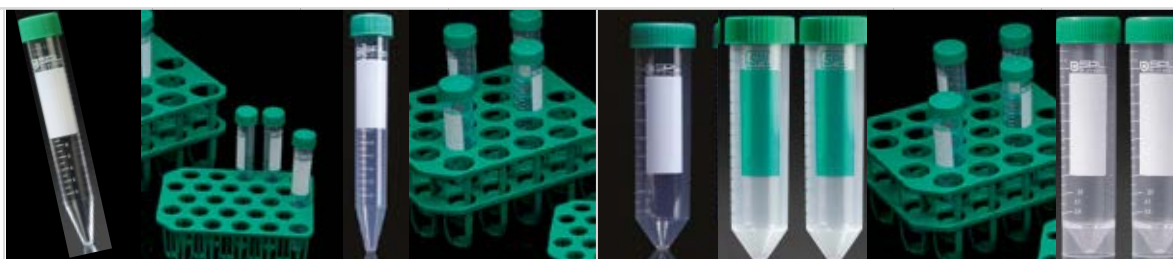
ClearLine®

CELL CULTURE



Volume (ml)	15				50			
Ø ext. (mm)	17				30			
Height (mm)	120				115			
Material	Polypropylene				Polypropylene			
Sterile	Yes	No	Yes	Yes	Yes	No	Yes	
Autoclavable	Yes				Yes			
Max centrifugal speed (g)	12000				12000			
Skirt	No				No	No	No	Yes
Graduation	Yes (0.5 ml increments)				Yes (2.5 ml increments)			
Marking area	Yes				Yes			
Colour	Transparent				Transparent			
Operating temperature	-80 °C to +121 °C				-80 °C to +121 °C			
Specifications	Free of DNase and RNase, endotoxins <0.05 EU/ml; leak test performed on each tube; low protein retention	Free of DNase and RNase, endotoxin <0.05 EU/ml; leak test performed on each tube; low protein retention; resealable bag		Free of DNase and RNase, endotoxin <0.05 EU/ml; leak test performed on each tube; low protein retention; resealable bag	Free of DNase and RNase, endotoxin <0.05 EU/ml; leak test performed on each tube; low protein retention	Free of DNase and RNase, endotoxin <0.05 EU/ml; leak test performed on each tube; low protein retention; resealable bag		
Units/box	20 racks of 25	20 bags of 25	20 bags of 25	20 bags of 25	20 racks of 25	20 bags of 25	20 bags of 25	
Green cap Cat. No.	131038C	131040C	131042C	131032C	131135C	131034C	131036C	
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	

SPL 15 and 50 ml centrifuge tubes



Volume (ml)	15				50			
Ø (mm)	16.9				30			
Height (mm)	119.2				115	116		
Material	Polystyrene; HDPE cap	Polystyrene; HDPE cap	Polypropylene; HDPE cap	Polypropylene; HDPE cap	Polypropylene; HDPE cap			
Sterile	Yes				Yes			
Autoclavable	No				No			
Max centrifugal speed (g)	3000	3000	13000	13000	14000	20000	14000	14000
Skirt	No				No	No	No	Yes
Graduation	Yes				Yes			
Marking area	Yes				Yes			
Colour	Translucent				Translucent			
Specifications	Free of DNase and RNase, DNA, and endotoxin; non-cytotoxic							
Units/box	10 bags of 50 tubes	20 racks of 25 tubes	10 bags of 50 tubes	20 racks of 25 tubes	20 bags of 25 tubes	10 bags of 10 tubes	12 racks of 25 tubes	20 bags of 25 tubes
Green cap Cat. No.	330110	330115	330109	330114	330111	330113	330116	330112
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



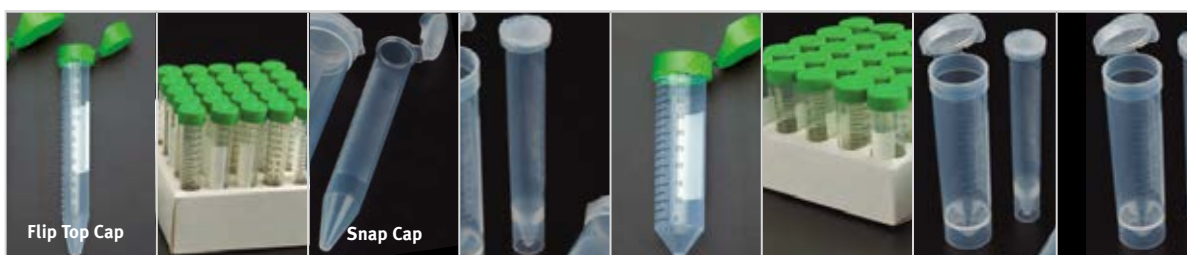
Find the rest of our range of centrifuge tubes in our 'Tubes and racks' section

15 AND 50 ML CENTRIFUGE TUBES

Other 15 and 50 ml centrifuge tubes



Volume (ml)	15					50				
Ø (mm)	17					30				
Height(mm)	120					115				
Material	Polypropylene; polyethylene cap					Polypropylene; polyethylene cap				
Sterile	Yes					Yes	Yes	Yes	Yes	No
Autoclavable	Yes without cap					Yes without cap				
Max centrifugal speed (g)	12000					16000				
Skirt	No					No				
Graduation	Yes					Yes				
Marking area	Yes and possibility of marking on the cap					Yes and possibility of marking on the cap				
Colour	Translucent					Translucent				
Operating temperature	- 80 °C to +120 °C					- 80 °C to +120 °C				
Specifications	Free of DNase and RNase, DNA, and endotoxin; non-cytotoxic									
Units/box	20 bags of 25 tubes	12 polypropylene racks of 25 tubes	6 polystyrene racks of 50 tubes	12 cardboard racks of 25 tubes	12 polypropylene racks of 25 tubes	20 resealable bags of 25 tubes	12 polystyrene racks of 25 tubes	12 cardboard racks of 25 tubes	12 cardboard racks of 25 tubes	
Green cap Cat. No.	978521	978500	978495	978497	978502	978522	978496	978498	978499	
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	

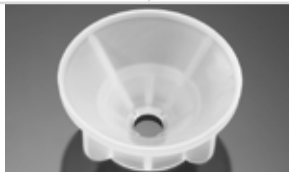


Volume (ml)	15				50			
Ø (mm)	17				30			
Height (mm)	120				115			
Material	Polypropylene; polyethylene cap				Polypropylene; polyethylene cap			
Sterile	Yes				Yes			
Type of cap	Screw-cap; Flip top, polyethylene with integrated seal		Snap		Screw-cap; Flip top, polyethylene with integrated seal		Snap	
Autoclavable	Yes without cap	Yes without cap	Yes	Yes	Yes without cap	Yes without cap	Yes	Yes
Max centrifugal speed (g)	9400	9400	5500	1000	9400	9400	5500	1000
Skirt	No	No	No	Yes	No	No	No	Yes
Graduation	Yes, printed with +/- 2% accuracy; moulded into the conical bottom	Yes printed; accuracy +/- 2%	Yes moulded; 0.5 ml increments	Yes moulded; 0.5 ml increments	Yes, printed with +/- 2% accuracy; moulded into the conical bottom	Yes, printed with +/- 2% accuracy; moulded into the conical bottom	Moulded graduations; 2.5 ml increments	Moulded graduations; 2.5 ml increments
Marking area	Yes				Yes			
Colour	Translucent				Translucent			
Specifications	Ergonomic cap designed for one-handed use; moulded-in graduations in the bottom of the tube are ideal for viewing the pellet or identifying small volumes	Ergonomic cap designed for one-handed operation	Free of DNase, RNase and endotoxin	Free of DNase, RNase and endotoxin	Ergonomic cap designed for one-handed operation; moulded-in graduations in the bottom of the tube are ideal for viewing the pellet or identifying small volumes	Free of DNase, RNase and endotoxin	Free of DNase, RNase and endotoxin	
Units/box	20 racks of 25 tubes	20 bags of 25 tubes	10 bags of 50 tubes	10 bags of 50 tubes	20 racks of 25 tubes	20 bags of 25 tubes	10 bags of 25 tubes	10 bags of 25 tubes
Natural cap Cat. No.	978492	978493	-	-	978383	978384	-	-
Price/box	N/A -	N/A -	-	-	N/A -	N/A -	-	-
Green cap Cat. No.	-	-	978449	978450	-	-	978451	978452
Price/box	-	-	N/A -	N/A -	-	-	N/A -	N/A -

Falcon® Large volume centrifuge tubes



Volume (ml)	175	225
Ø (mm)	60.71	
Height without cap (mm)	118.11	137.16
Height with cap (mm)	120.35	139.4
Material	Polypropylene; HDPE cap	
Sterile	Yes	
Bottom	Conical	
Autoclavable	No	
Max centrifugal speed (g)	7500	
Graduation	Yes (10 ml increments)	
Marking area	No	
Operating temperature	-196 °C to +121 °C	
Specifications	Hydrophobic and biologically inert surface	
Units/box	6 bags of 8 bottles	6 bags of 8 bottles
Blue cap Cat. No.	352076	352075
Price/box	N/A -	N/A -



Centrifuge adapter Cat. No.	352090
Units/box	8 adapters
Price/box	N/A -

Corning® Large volume centrifuge tubes

CORNING



Volume (ml)	250	500
Ø (mm)	59.69	-
Height (mm)	161	-
Material	Polypropylene; polyethylene cap	
Sterile	Yes	
Bottom	Conical	
Autoclavable	No	
Max centrifugal speed (g)	6000	
Graduation	Yes	
Marking area	No	
Operating temperature	-196 °C to +121 °C	
Specifications	Endotoxin free	
Units/box	17 bags of 6 bottles	6 bags of 6 bottles
Orange cap Cat. No.	430776	431123
Price/box	N/A -	N/A -



For flasks of	250 ml	500 ml
Centrifuge adapter Cat. No.	430236	431124
Units/box	Bag of 6 adapters	Bag of 6 adapters
Price/box	N/A -	N/A -

Corning® Large volume centrifuge tubes

CORNING



Volume (ml)	250				500			
Ø (mm)	60	60	62	62	68	68	69	69
Height (mm)	130	128	131	129	168	167	170	169
Material	Polypropylene	Polypropylene	Polycarbonate; polypropylene cap	Polycarbonate; polypropylene cap	Polypropylene	Polypropylene	Polycarbonate; polypropylene cap	Polycarbonate; polypropylene cap
Sterile	Yes							
Type of cap	With seal	Standard	With seal	Standard	With seal	Standard	With seal	Standard
Bottom	Flat							
Autoclavable	Yes							
Max centrifugal speed (g)	13500	8250	13500	8250	13500	8250	13500	8250
Graduation	Yes							
Marking area	No							
Units/box	9 bags of 4 bottles	9 bags of 4 bottles	9 bags of 4 bottles	9 bags of 4 bottles	6 bags of 4 bottles	6 bags of 4 bottles	6 bags of 4 bottles	6 bags of 4 bottles
Orange cap Cat. No.	00431840	00431841	00431842	00431843	00431844	00431845	00431846	00431847
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

CENTRIFUGE TUBES / CULTURE TUBES WITH DUAL POSITION CAP



Nunc™ large volume centrifuge tube



Volume (ml)	250
Ø (mm)	59.7
Height (mm)	144.2
Material	Polypropylene; polyethylene cap
Sterile	Yes
Bottom	Conical
Autoclavable	Yes
Max centrifugal speed (g)	10000
Graduation	No
Marking area	No
Specifications	Free of DNase, RNase and endotoxin; USP Class VI compliant
Units/box	10 bags of 40 tubes
Blue cap Cat. No.	056886
Price/box	N/A -



Falcon® Culture tubes with dual position cap



Volume (ml)	5							14		
Ø ext. (mm)	12.4	12.4	12.4	12.4	12.4	12.4	12.4	17.6	17.6	17.6
Ø int. (mm)	10.72	10.72	10.72	10.72	10.62	10.62	10.62	15.77	15.77	15.77
Height without cap (mm)	75-54	75-54	75-54	75-54	73-79	73-79	73-79	95-58	94.82	94.82
Height with cap (mm)	76.22	76.22	-	-	74.54	-	-	96.09	96.09	-
Material	Polystyrene; LDPE cap	Polystyrene; LDPE cap	Polystyrene	Polystyrene	Polypropylene; LDPE cap	Polypropylene	Polypropylene	Polystyrene; LDPE cap	Polypropylene; LDPE cap	Polypropylene
Sterile	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded
Caps	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No
Type of cap	Snap; Dual position	Snap; Dual position with 35 µm sieve	-	-	Snap; Dual position	-	-	Snap; Dual position	Snap; Dual position	-
Autoclavable	No	No	No	No	No	No	No	No	No	No
Max centrifugal speed (g)	1400	1400	1400	1400	3000	3000	3000	1400	3000	3000
Graduation	No	No	No	No	No	No	No	Yes; moulded	Yes; screen printed	Yes; screen printed
Marking area	No	No	No	No	No	No	No	No	Yes	Yes
Colour	Transparent	Transparent	Transparent	Transparent	Translucent	Translucent	Translucent	Transparent	Translucent	Translucent
Operating temperature	+4 °C to +60 °C	+4 °C to +60 °C	+4 °C to +60 °C	+4 °C to +60 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	+4 °C to +60 °C	-80 °C to +121 °C	-80 °C to +121 °C
Specifications	Free of DNase, RNase and endotoxin <0.1EU/ml; Hydrophobic and biologically inert surface			Free of DNase, RNase; Hydrophobic and biologically inert surface	Free of DNase, RNase and endotoxin <0.1EU/ml; Hydrophobic and biologically inert surface		Free of DNase, RNase; Hydrophobic and biologically inert surface	Free of DNase, RNase and endotoxin <0.1EU/ml; Hydrophobic and biologically inert surface		
Cat. No.	352003	-	-	-	-	-	-	352001	352006	-
Units/box	500 individually wrapped tubes									
Price/box	N/A -	-	-	-	-	-	-	N/A -	N/A -	-
Cat. No.	352054	-	352052	-	-	352053	-	352051	-	352018
Units/box	8 bags of 125 tubes									
Price/box	N/A -	-	N/A -	-	-	N/A -	-	N/A -	-	N/A -
Cat. No.	352058	352235	-	-	352063	-	-	352057	352059	-
Units/box	20 blister of 25 tubes									
Price/box	N/A -	N/A -	-	-	N/A -	-	-	N/A -	N/A -	-
Cat. No.	-	-	-	352008	-	-	352002	-	-	-
Units/box	Bag of 1000 tubes									
Price/box	-	-	-	N/A -	-	-	N/A -	-	-	-

Dual position snap plug

Cat. No.	352032
Units/box	2000
Price/box	N/A -



CULTURE TUBES WITH DUAL POSITION CAP

Greiner Bio-One culture tubes with dual position cap



CELL CULTURE

	4.5 ml		5 ml	12 ml	14 ml		18 ml
Volume (ml)	4.5		5	12	14		18
Ø ext. (mm)	12.4	12.4	12	17	18	18	18
Ø int. (mm)	10	10	10	15	15	15	15
Height (mm)	75	75	75	76	95	95	95
Material	Polystyrene; HDPE cap		Polypropylene; LDPE cap	Polypropylene; LDPE cap	Polystyrene; HDPE cap		Polypropylene; LDPE cap
Sterile	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded
Caps	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap Type	Dual position snap						
Autoclavable	No	No	Yes (without cap)	No	No	No	Yes (without cap)
Max centrifugal speed (g)	5000	5000	34000	34000	5500	5500	34000
Graduation	No	No	Yes (1 ml increments)	Yes (1 ml to 10 ml increments)	No	No	Yes (1 ml increments)
Marking area	No	No	No	No	No	No	Yes
Colour	Translucent	Translucent	Translucent	Translucent	Transparent	Transparent	Translucent
Operating temperature	-20 °C to +60 °C	-20 °C to +60 °C	-196 °C to +121 °C	-196 °C to +121 °C	-20 °C to +60 °C	-20 °C to +60 °C	-196 °C to +121 °C
Specifications	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Culture-treated; Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Free of DNase et RNase, ADN humain and pyrogen; Non-cytotoxic	Culture-treated; Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic
Cat. No.	120161	120160	115261	184261	-	-	187261
Units/box	1000 individually wrapped tubes						
Price/box	N/A -	N/A -	N/A -	N/A -	-	-	N/A -
Cat. No.	-	-	-	-	191160	191161	-
Units/box	750 individually wrapped tubes						
Price/box	-	-	-	-	N/A -	N/A -	-
Cat. No.	120180	120190	115262	-	-	-	-
Units/box	80 bags of 25 tubes						
Price/box	N/A -	N/A -	N/A -	-	-	-	-
Cat. No.	-	-	-	-	-	191180	187262
Units/box	40 bags of 25 tubes						
Price/box	-	-	-	-	-	N/A -	N/A -

Nunc™ Culture tube with dual position cap



Volume (ml)	7
Ø (mm)	14
Height (mm)	100
Material	Polystyrene; polyethylene cap
Sterile	Yes
Bottom	Rounded
Cap Type	Snap; Dual position
Autoclavable	No
Max centrifugal speed (g)	-
Graduation	No
Marking area	No
Operating temperature	-
Specifications	Nunclon Delta® treatment
Cat. No.	055053
Units/box	6 bags of 100 tubes
Price/box	N/A -



CULTURE TUBES WITH DUAL POSITION CAP



Simport® Culture tubes with dual position cap

CELL
CULTURE



Volume (ml)	5		14	
Ø (mm)	12		17	
Height (mm)	75		95	
Material	Polystyrene	Polypropylene	Polystyrene	Polypropylene
Sterile	Yes		Yes	
Bottom	Rounded			
Cap Type	Snap; dual position		Snap; dual position	
Autoclavable	No		No	
Max centrifugal speed (g)	1400	3000	1400	3000
Graduation	Yes		Yes	
Marking area	Yes		Yes	
Operating temperature	+ 20 °C to +70 °C	-190 °C to +121 °C	+ 20 °C to +70 °C	-190 °C to +121 °C
Cat. No.	039219	039225	039222	039228
Units/box	500 individually wrapped tubes			
Price/box	N/A -	N/A -	N/A -	N/A -
Cat. No.	039220	039226	-	-
Units/box	20 peelable trays of 25 tubes			
Price/box	N/A -	N/A -	-	-
Cat. No.	039221	-	039224	-
Units/box	8 peelable trays of 125 tubes			
Price/box	N/A -	-	N/A -	-
Cat. No.	040760	040762	040763	040765
Units/box	20 bags of 25 tubes			
Price/box	N/A -	N/A -	N/A -	N/A -
Cat. No.	040761	-	040764	-
Units/box	8 bags of 125 tubes			
Price/box	N/A -	-	N/A -	-

Other culture tubes with dual position snap cap



Volume (ml)	5						
Ø (mm)	12						
Height (mm)	75						
Material	Polystyrene	Polystyrene; PE cap	Polystyrene; LDPE cap	Polystyrene; LDPE cap	Polypropylene; LDPE cap	Polypropylene	Polypropylene; PE cap
Sterile	Yes	Yes	Yes; irradiation	Yes; ethylene oxide	Yes; ethylene oxide	Yes	Yes
Bottom	Rounded						
Cap Type	Dual position snap	Dual position snap	Dual position snap	Dual position snap	Dual position snap	Dual position snap	Dual position snap
Autoclavable	No	No	No	No	No	No	No
Max centrifugal speed (g)	8200	2000	1400	1400	3000	-	4000
Graduation	No	Yes	Yes	Yes	Yes	No	Yes
Marking area	No	Yes	No	No	No	No	Yes
Operating temperature	-	0 °C to 70 °C	-	-	-	-	-190 °C to +120 °C
Specifications	-	RNase and DNase free	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic			-	RNase and DNase free
Cat. No.	064297	-	330123	330124	330125	064110	-
Units/box	20 bags of 25 tubes						
Price/box	N/A -	-	N/A -	N/A -	N/A -	N/A -	-
Cat. No.	064298	-	-	-	-	064299	-
Units/box	500 individually wrapped tubes						
Price/box	N/A -	-	-	-	-	N/A -	-
Cat. No.	-	062991	-	-	-	-	062989
Units/box	40 bags of 25 tubes						
Price/box	-	N/A -	-	-	-	-	N/A -
Cat. No.	-	062992	-	-	-	-	062990
Units/box	8 bags of 125 tubes						
Price/box	-	N/A -	-	-	-	-	N/A -

Other culture tubes with dual position snap cap (continued)



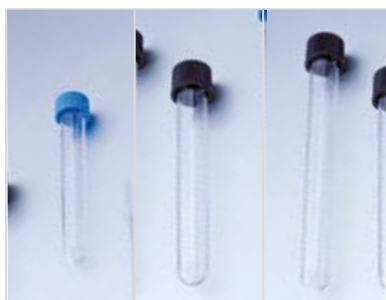
Volume (ml)	7			8		14		16	
Ø (mm)	17			13		17		17	
Height (mm)	95.4			100		100		100	
Material	Polystyrene; LDPE cap	Polystyrene; LDPE cap	Polypropylene; LDPE cap	Polystyrene	Polypropylene	Polypropylene Polyethylene cap	Polystyrene Polyethylene cap	Polystyrene	Polypropylene
Sterile	Yes; ethylene oxide	Yes; irradiation	Yes; ethylene oxide	Yes	Yes	Yes	Yes	Yes	Yes
Bottom	Rounded								
Cap Type	Snap; Dual position								
Autoclavable	No								
Max. centrifugal speed (g)	1400	1400	3000	8200	10000	2000	4000	8200	10000
Graduation	Yes	Yes	Yes	No	No	Yes	Yes	No	No
Marking area	No	No	No	No	No	Yes	Yes	No	No
Operating temperature	-	-	-	-	-	0 °C to 70 °C	-190 °C to +120 °C	-	-
Specifications	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic			-	-	RNase, Dnase free		-	-
Cat. No.	330127	330128	330129	064300	064301	-	-	064306	064308
Units/box	20 bags of 25 tubes								
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	N/A -	N/A -
Cat. No.	-	-	-	-	-	062994	062996	064307	064309
Units/box	500 individually wrapped tubes								
Price/box	-	-	-	-	-	N/A -	N/A -	N/A -	N/A -
Cat. No.	-	-	-	-	-	062993	062995	-	-
Units/box	40 bags of 25 tubes								
Price/box	-	-	-	-	-	N/A -	N/A -	-	-

Other culture tubes without cap

Volume (ml)	4		5		16		21
Ø (mm)	10	12	12	17	17	16	16
Height (mm)	75	75	75	100	100	150	150
Material	Polystyrene	Polystyrene	Polypropylene	Polystyrene	Polystyrene	Polystyrene	Polystyrene
Sterile	Yes						
Bottom	Rounded						
Autoclavable	No						
Max centrifugal speed (g)	8200	8200	10000	8200	8200	8200	8200
Graduation	No						
Marking area	No						
Cat. No.	064295	064296	064196	064304	064305	064308	064308
Units/box	20 bags of 25 tubes						
Price/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



Falcon® Screw cap culture tubes



Volume (ml)	8	16	19
Ø ext. (mm)	13.08	15.39	15.39
Ø int. (mm)	11.17	13.87	13.87
Height without cap (mm)	100	123.16	152.53
Height with cap (mm)	104.67	125.27	154.63
Material	Polystyrene; HDPE cap		
Sterile	Yes		
Caps	Yes		
Bottom	Rounded		
Autoclavable	No		
Max centrifugal speed (g)	1400		
Graduation	No		
Marking area	No		
Colour	Transparent		
Operating temperature	+4 °C to +60 °C		
Specifications	Free of DNase, RNase and endotoxin <0.1EU/ml; Hydrophobic and biologically inert surface		
Cat. No.	-	352037	352045
Units/box	500 individually wrapped tubes		
Price/box	-	N/A -	N/A -
Cat. No.	352027	352025	-
Units/box	8 bags of 125 tubes		
Price/box	N/A -	N/A -	-

Culture tubes with dual position screw cap



Volume (ml)	5	14
Ø ext. (mm)	12	17
Height (mm)	75	100
Material	Polypropylene; polyethylene cap	
Sterile	Yes	No
Bottom	Rounded	
Caps	Yes	
Cap Type	With dual position screw	
Type of neck	External screw	
Autoclavable	No	
Max centrifugal speed (g)	4000	
Skirt	No	
Graduation	Yes	No
Marking area	Yes	
Colour	Translucent	
Operating temperature	-190 °C to +120 °C	
Cat. No.	062997	162604
Units/box	20 bags of 25 tubes	
Price/box	N/A -	N/A -
Cat. No.	062998	162601
Units/box	1000 tubes and 1000 caps individually packed	
Price/box	N/A -	N/A -
Cat. No.	062999	162606
Units/box	500 individually wrapped tubes	
Price/box	N/A -	N/A -

Corning® Screw cap culture tubes

CORNING



Volume (ml)	15
Ø (mm)	16
Height (mm)	125
Material	Polystyrene
Sterile	Yes
Bottom	Rounded
Autoclavable	No
Max centrifugal speed (g)	1400
Graduation	No
Marking area	No
Specifications	Endotoxin free
Units/box	20 bags of 25 tubes
Cat. No.	430157
Price/box	N/A -
Specifications	Endotoxin free; Culture-treated
Units/box	10 racks of 25 tubes
Cat. No.	430172
Price/box	N/A -

Greiner Bio-One screw cap culture tubes



Volume (ml)	12	
Ø ext. (mm)	17	16.8
Ø int. (mm)	15.3	
Height (mm)	100	
Material	Polystyrene; HDPE cap	
Sterile	Yes	
Bottom	Rounded	Conical
Autoclavable	No	
Max centrifugal speed (g)	5000	5000
Skirted	No	Yes
Graduation	No	
Marking area	No	
Operating temperature	- 20 °C to +60 °C	
Specifications	Free of DNase, RNase, human DNA and endotoxin; Culture-treated	
Units/box	200 bags of 5 tubes	
Cat. No.	163160	164160
Price/box	N/A -	N/A -

Nunc™ screw cap culture tube



Volume (ml)	7
Ø (mm)	14
Height (mm)	100
Material	Polystyrene; polyethylene cap
Sterile	Yes
Bottom	Rounded
Autoclavable	No
Max centrifugal speed (g)	-
Graduation	No
Marking area	No
Operating temperature	-
Specifications	Nunclon Delta® treatment
Units/box	6 bags of 100 tubes
Cat. No.	055052
Price/box	N/A -

Nunc™ Special culture tube



Volume (ml)	3
Ø (mm)	16
Height (mm)	110
Material	Polystyrene; polyethylene cap
Sterile	Yes
Bottom	Rounded
Autoclavable	No
Graduation	No
Marking area	No
Specifications	Flat surface of 5.5cm ² ; Nunclon Delta® culture-treated
Units/box	6 bags of 75 tubes
Cat. No.	055054
Price/box	N/A -

Other screw cap culture tubes

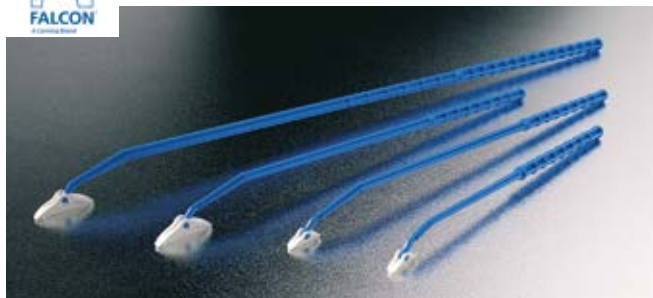


Volume (ml)	8	19	21
Ø (mm)	13	16	16
Height (mm)	100	125	150
Material	Polystyrene	Polystyrene	Polypropylene
Sterile	Yes		
Bottom	Rounded		
Cap Type	Screw		
Autoclavable	No		
Graduation	No		
Marking area	No		
Cat. No.	064302	064310	064313
Units/box	20 bags of 25 tubes		
Price/box	N/A -	N/A -	N/A -
Cat. No.	064303	064311	-
Units/box	500 individually wrapped tubes		
Price/box	N/A -	N/A -	-

Scrapers



Falcon® Cell scrapers



- ▶ Polypropylene handle and TPE blade
- ▶ Swivel blade allowing the force to be distributed over the entire blade.
- ▶ Delivered in individual blister

Cat. No.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/box	Price/box
353085	18	18	1	100	N/A -
353086	25	18	1	100	N/A -
353089	25	30	1	100	N/A -
353087	40	30	1	100	N/A -

CORNING

Corning® Cell scrapers



- ▶ Blade design minimizes cell damage and ensures even contact with the growth surface
- ▶ Individual sterile packaging

Cat.No.	Handle length (cm)	Blade length (mm)	Type	Units/box	Price/box
003008	18	19	One part	100	N/A -
003010	25	18	Swivel blade	100	N/A -
003011	39	30	Swivel blade	100	N/A -

greiner
BIO-ONE

Greiner Bio-One cell scrapers



- ▶ Polystyrene handle and high density polyethylene blade, 60° pivot angle
- ▶ Sterile, peelable or tearable individual packaging
- ▶ Free of heavy metals

Cat. No.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/box	Price/box
541070	28	18	1	100	N/A -
541080	40	18	1	100	N/A -

Thermo SCIENTIFIC | nunc

Nunc™ cell scrapers



- ▶ HIPS handle and low density polyethylene blade
- ▶ Swivel blade
- ▶ Individual sterile packaging

Cat. No.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/box	Price/box
055535	23	15	1	250	N/A -
055536	32	17	1	250	N/A -

ClearLine®

ClearLine® Cell scrapers



- ▶ Individual sterile packaging
- ▶ ABS handle and TPE blade

Cat. No.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/box	Price/box
131054C	25	20	1	100	N/A -
131056C	39	30	1	100	N/A -

CELL SCRAPERS

SPLScar™ cell scrapers



- Supplied with pierced lid
- Individual sterile packaging
- Non-cytotoxic
- Ideal for the scratch assay technique



Cat. No.	Type of lid	Ø of scraper tips (mm)	Packaging unit	Units/box	Price/box
330088	6 wells	0.5	1	20	N/A -
330089	24 wells	0.5	1	20	N/A -

CELL CULTURE

SPL cell scrapers



- One-piece polypropylene version
- Polystyrene handle version
- Fixed or swivel blade version in low density polyethylene
- Sterile
- Non-cytotoxic



Cat.No.	Handle length (cm)	Blade length (mm)	Type	Packaging unit	Units/box	Price/box
330095	22	23	One part	1	100	N/A -
330096	24	13	Fixed blade	1	100	N/A -
330097	24	13	Swivel blade	1	100	N/A -
330098	30	20	Fixed blade	1	100	N/A -
330099	30	20	Swivel blade	1	100	N/A -



Cell scrapers

Cat.No.	Handle length (cm)	Blade length (mm)	Type	Packaging unit	Units/box	Price/box
978200	25	20	Straight blade	1	100	N/A -
978202	39	30	Straight blade	1	100	N/A -
978201	25	20	Perpendicular blade	1	100	N/A -
978203	39	30	Perpendicular blade	1	100	N/A -



Perpendicular blade

Straight blade

Cell scrapers

- One-piece polyethylene version
- Version with adjustable polyethylene blade

Cat.No.	Handle length (cm)	Blade length (mm)	Type	Packaging unit	Units/box	Price/box
010155	18	20	One part	1	100	N/A -
010153	18	18	Swivel blade	1	100	N/A -
010154B	25	18	Swivel blade	1	200	N/A -



Cell scrapers

- 5 mm diameter hole for inserting a rod

Cat. No.	Colour	Units/box	Price/box
091821	Grey	10	N/A -
091822	Red	10	N/A -
091823	Transparent	10	N/A -



Cell strainers

Dissociate your cell clusters or tissues to obtain a more uniform single cell suspension.



Falcon® Cell strainers



- ▶ Tongue on the side for easy handling
- ▶ Sterile
- ▶ Non-cytotoxic

Cat.No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/box	Price/box
352340	40	Blue	50 ml	1	50	N/A -
352350	70	White	50 ml	1	50	N/A -
352360	100	Yellow	50 ml	1	50	N/A -

CORNING

Corning® Cell strainers



- ▶ Tongue on the side for easy handling
- ▶ Sterile
- ▶ Non-cytotoxic

Cat.No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/box	Price/box
00431751	40	Blue	50 ml	1	50	N/A -
00431750	70	White	50 ml	1	50	N/A -
00431752	100	Yellow	50 ml	1	50	N/A -

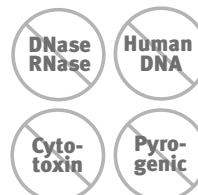


Greiner Bio-One Cell strainers



EASYstrainer and EASYstrainer Small.

- ▶ Sterile
- ▶ Stackable
- ▶ Presence of a vent for excess air discharge in the tube
- ▶ Simple and safe handling thanks to the grip
- ▶ EASYstrainer SMALL version with reversible membrane to easily recover what has been retained by the filter



Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/box	Price/box
073058	20	Red	1.5 ml; 5 ml round bottom; 5 ml conical bottom; 15 ml	1	50	N/A -
073059	40	Green	1.5 ml; 5 ml round bottom; 5 ml conical bottom; 15 ml	1	50	N/A -
542170	70	Blue	1.5 ml; 5 ml round bottom; 5 ml conical bottom; 15 ml	1	50	N/A -
073060	100	Yellow	1.5 ml; 5 ml round bottom; 5 ml conical bottom; 15 ml	1	50	N/A -
542040	40	Green	50 ml	1	50	N/A -
542070	70	Blue	50 ml	1	50	N/A -
542000	100	Yellow	50 ml	1	50	N/A -

ClearLine®

ClearLine® Cell Strainers



- ▶ Sterile



Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/box	Price/box
141378C	40	Blue	50 ml	1	50	N/A -
141379C	70	White	50 ml	1	50	N/A -
141380C	100	Yellow	50 ml	1	50	N/A -

Other cell strainers

SureStrain Cell Strainers

Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	Price/ box
062685	40	Blue	50 ml	1	50	N/A -
062686	70	White	50 ml	1	50	N/A -
062687	100	Yellow	50 ml	1	50	N/A -

- Sterile
- Presence of a vent for excess air discharge in the tube
- 1.5 mm high foot for strainers use in culture plates or dishes
- Supplied with adapter for 5 ml and 15 ml tubes



Accessoire

Cat. No.	Description	Units/ box	Price/ box
062688	Adapter for 5 ml and 15 ml tubes	25	N/A -

ReadyStrain kits

Cat. No.	Description	Colour code	Units/ box	Price/ box
062932	1 x 50 ml tube + 1 screw cap + 1 cell strainer 40 µm	Blue	50	N/A -
062933	1 x 50 ml tube + 1 screw cap + 1 cell strainer 70 µm	White	50	N/A -
062934	1 tube 50 ml + 1 screw cap + 1 cell strainer 100 µm	Yellow	50	N/A -

ReadyStrain kits



- Sterile

Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	Price/ box
010198B	40	Violet	50 ml	1	100	N/A -
010199B	70	Orange	50 ml	1	100	N/A -
010206B	100	Green	50 ml	1	100	N/A -

Cell Strainers - PluriStrainer

- Connector to regulate the flow (can be used with a syringe)
- Funnel for loading up to 24 ml

Cat.No.	Pore size (µm)	Colour code	For tubes	Packaging unit	Units/ box	Price/ box
149016	10	White	50 ml	25	25	N/A -
149017	15	White	50 ml	25	25	N/A -
149019	20	Green	50 ml	25	25	N/A -
149026B	30	Violet	50 ml	25	25	N/A -
149195	60	Blue	50 ml	25	25	N/A -
149027	85	Orange	50 ml	25	25	N/A -



Accessories

Cat.No.	Description	Units/ box	Price/ box
149013	Flow control connector	25	N/A -
149014	Funnel for placing the sample on the strainer	25	N/A -

PluriStrainer Kit

Cat.No.	Porosity	Price
149024B	PluriStrainer Kit 1 µm, 6 µm, 10 µm, 15 µm, 20 µm and 30 µm (4 of each) + 8 connectors	N/A -
149025	PluriStrainer Kit 40 µm, 60 µm, 70 µm, 85 µm, 100 µm and 200 µm (4 of each)	N/A -

Cell Strainers - Uberstrainer

- Sterile
- Suitable for 5 ml tubes and for plates with 20 mm diameter wells
- Kit includes:
 - screw cap with Luer Lock connector;
 - insert for uniform distribution of liquid;
 - strainer;
 - Luer Lock connector;
 - 15 ml, 2 ml and 1.5 ml adapter

Cat. No.	Pore size (µm)	Colour code	Units/ box	Price/ box
149236	1	Red	10	N/A -
149210	5	Yellow	10	N/A -
149237	10	Light blue	10	N/A -
149238	15	Pink	10	N/A -
149239	20	Turquoise	10	N/A -
149240	30	Violet	10	N/A -
149241	40	Blue	10	N/A -
149242	60	Sky Blue	10	N/A -
149243	70	Transparent	10	N/A -
149244	85	Orange	10	N/A -
149245	100	Yellow	10	N/A -
149246	200	Light pink	10	N/A -
149247	300	Red	10	N/A -
149248	400	Turquoise	10	N/A -
149249	500	Pink	10	N/A -

SureStrain Cell Strainers



- Sterile
- Low density polyethylene body and PET membrane

Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/box	Price/box
149213	5	Yellow	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149214	5	Yellow	1.5 ml, 15 ml, plates 24 and 48 wells	25	50	N/A -
149215	5	Yellow	1.5 ml, 15 ml, plates 24 and 48 wells	25	100	N/A -
149217	5	Yellow	1.5 ml, 15 ml, plates 24 and 48 wells	25	500	N/A -
149218	10	Turquoise	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149219	10	Turquoise	1.5 ml, 15 ml, 24 and 48 welll plates	25	50	N/A -
149220	10	Turquoise	1.5 ml, 15 ml, 24 and 48 welll plates	25	100	N/A -
149221	10	Turquoise	1.5 ml, 15 ml, 24 and 48 welll plates	25	500	N/A -
149222	20	Green	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149223	20	Green	1.5 ml, 15 ml, 24 and 48 welll plates	25	50	N/A -
149224	20	Green	1.5 ml, 15 ml, 24 and 48 welll plates	25	100	N/A -
149225	20	Green	1.5 ml, 15 ml, 24 and 48 welll plates	25	500	N/A -
149226	40	Light blue	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149227	40	Light blue	1.5 ml, 15 ml, 24 and 48 welll plates	25	50	N/A -
149228	40	Light blue	1.5 ml, 15 ml, 24 and 48 welll plates	25	100	N/A -
149229	40	Light blue	1.5 ml, 15 ml, 24 and 48 welll plates	25	500	N/A -
149230	70	Transparent	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149231	70	Transparent	1.5 ml, 15 ml, 24 and 48 welll plates	25	50	N/A -
149232	70	Transparent	1.5 ml, 15 ml, 24 and 48 welll plates	25	100	N/A -
149233	70	Transparent	1.5 ml, 15 ml, 24 and 48 welll plates	25	500	N/A -

Bellco stainless steel cell strainers



- - Delivered with support, glass pestle, key and 9 grids (one of each porosity from 10 to 150 Meshes)

Cat. No.	Description	Price
198585	Complete Collector 85 ml	N/A -
198600	Complete Collector 130 ml	N/A -
198518	Support grid and key 85 ml	N/A -
198598	Support grid and key 130 ml	N/A -

Accessories

Cat. No.	Description	Price
198599	Glass pestle 16 mm	N/A -
198601	Collector key only	N/A -

Grids (only)

Cat. No.	Description	Units/box	Price/box
198586	Steel grid 10 Meshes - 1910 µm	5	N/A -
198587	Steel mesh 20 Meshes - 860 µm	5	N/A -
198588	Steel mesh 30 Meshes - 520 µm	5	N/A -
198589	Steel mesh 40 Meshes - 380 µm	5	N/A -
198590	Steel mesh 50 Meshes - 280 µm	5	N/A -
198591	Steel mesh 60 Meshes - 230 µm	5	N/A -
198592	Steel mesh 80 Meshes - 190 µm	5	N/A -
198593	Steel mesh 100 Meshes - 140 µm	5	N/A -
198594	Steel mesh 150 Meshes - 94 µm	5	N/A -
198595	Steel mesh 200 Meshes - 74 µm	5	N/A -
198500	Steel mesh 300 Meshes - 46 µm	5	N/A -
198596	Steel mesh 400 Meshes - 38 µm	5	N/A -
198597	Steel mesh 500 Meshes - 25 µm	5	N/A -

Tissue Grinder with conical pestle

- ▶ Pestle-cylinder clearance: 0.1 to 0.15 mm
- ▶ Consists of a borosilicate glass cylinder and a conical pestle
- ▶ For finer and faster grinding



- The rough glass pestle is ideal for hard fabrics;
- The PTFE pestle is ideal for soft tissue.

Volume (ml)	1	3	5	15
Cylinder: ø ext. x height (mm)	11 x 49	11 x 86	13 x 93	18 x 114
Total pestle height	130	220	220	240

Tissue Grinder with conical glass pestle				
Cylinder + pestle assembly	048632	048633	048634	048635
Price per unit	N/A -	N/A -	N/A -	N/A -
Glass pestle only	048664	048665	048666	048667
Price for 2	N/A -	N/A -	N/A -	N/A -
Glass cylinder only	048773	048661	048662	048663
Price per 2	N/A -	N/A -	N/A -	N/A -

Tissue Grinder with PTFE pestle				
Cylinder + pestle assembly	048636	048637	048638	048639
Price per unit	N/A -	N/A -	N/A -	N/A -
PTFE pestle only	048644	048645	048646	048647
Price for 2	N/A -	N/A -	N/A -	N/A -
Glass cylinder alone	048640	048641	048642	048643
Price for 2	N/A -	N/A -	N/A -	N/A -



Plastic Pellet pestle and grinders: see page 90

Dual dual-action polygrinder

- ▶ Grinder consists of a conical bottom cylinder with reservoir and a pestle with a conical end
- ▶ Ideal for grinding and homogenising tough cells
- ▶ Pestle-cylinder clearance: 0.1 to 0.15 mm
- ▶ Dual action:
 - initial grinding by the cylindrical part of the pestle;
 - very fine homogenisation in the conical bottom.

Type	P20	P21	P22	P23	P24	P25
Volume (ml)	1	3	5	15	30	50
Cylinder ø x H (mm)	10 x 75	13 x 130	15 x 150	20 x 175	27 x 220	32 x 225

A) Glass pestle - glass cylinder						
Cylinder + pestle assembly	045000	045069	045070	045071	045072	045073
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Pestle only	045074	045075	045076	045077	045078	045079
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Cylinder only	045132	045133	045134	045135	045136	045159
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

B) Glass pestle - plastic cylinder						
Cylinder + pestle assembly	045178	045179	045180	045181	045182	045183
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Pestle only	045074	045075	045076	045077	045078	045079
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Cylinder only	045184	045185	045186	045187	045188	045189
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

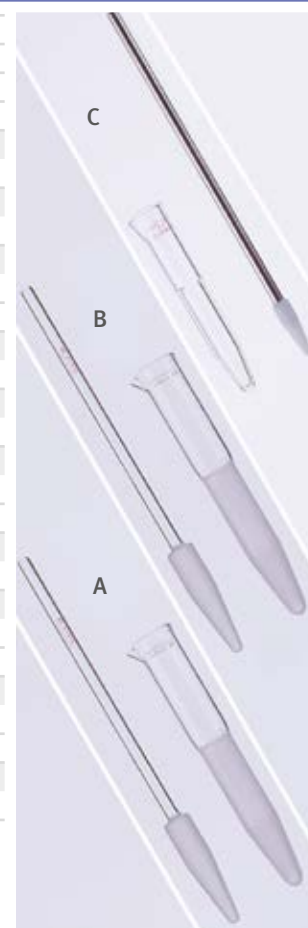
C) Teflon pestle - glass cylinder						
Cylinder + pestle assembly	045190	045191	045192	045193	045194	045195
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Cylinder only	045196	-	045198	045199	045200	045201
Price	N/A -	-	N/A -	N/A -	N/A -	N/A -

D) Glass pestle - glass cylinder with screw cap						
Cylinder + pestle assembly	-	045137	045138	045139	-	-
Price	-	N/A -	N/A -	N/A -	-	-

E) Teflon pestle - glass cylinder with screw cap						
Cylinder + pestle assembly	-	045140	-	045142	-	-
Price	-	N/A -	-	N/A -	-	-

5 models:

- all glass: glass pestle and cylinder (A);
- all glass with a plastic coated film (B);
- glass cylinder and PTFE pestle on steel rod (C);
- glass cylinder with screw cap and PTFE joint with PTFE pestle on steel rod (D);
- glass cylinder with screw cap and PTFE joint with PTFE pestle on striated steel rod: very high grinding capacity (E)



200 µl Micro Grinder

Made of glass, it is ideal for dispersing small amounts of tissue in a buffer solution. The pestle has a PTFE guide ring.

- ▶ Volume: 200 µl
- ▶ Pestle L x ø: 75 x 3 mm
- ▶ L x ø tube: 33 x 8 mm

Cat. No.	Description	Units/box	Price/box
095206	Micro Grinder	6	N/A -



Grinder for 15 ml tubes



Pellet pestle with stainless steel rod and PTFE tip specially designed for grinding the 15 ml conical centrifuge tubes directly inside. Length: 21 mm.

Cat. No.	Description	Price
045080	Pellet pestle for 15 ml tube (ø 17 mm)	N/A -

Potter-Elvehjem Tissue Grinder with PTFE pestle

Tissue Grinder with borosilicate glass cylinder and PTFE-headed pestle and stainless steel handle.

- Autoclavable
- Pestle-cylinder clearance: 0.1 to 0.15 mm
- Ø rod: 6.5 mm

Several versions:

- smooth head pestle;
- radial grooved pestle (for hard tissue);
- borosilicate glass cylinder;
- borosilicate glass cylinder coated with a plastic to protect the user in case of breakage (Safe-Grind).



Volume (ml)	2	5	10	15	30	55
Cylinder: ø ext. x height (mm)	11 x 45	13 x 66	16 x 74	19 x 84	24 x 118	30 x 130
Total pestle height	203	219	219	219	266	266

Tissue Grinder with smooth pestle and borosilicate glass cylinder

Cylinder + pestle assembly	048779	048780	048781	048782	048783	048784
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Smooth Pestle only	048607	048608	048609	048610	048611	048612
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Borosilicate glass cylinder only	048620	048621	048622	048623	048624	048625
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Tissue Grinder with smooth pestle and borosilicate glass cylinder coated with Safe-Grind plastic

Cylinder + pestle assembly	048595	048596	048597	048598	048599	048600
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Smooth Pestle only	048607	048608	048609	048610	048611	048612
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Glass cylinder with plastic only	048601	048774	048775	048604	048605	048606
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Tissue Grinder with grooved pestle and borosilicate glass cylinder

Cylinder + pestle assembly	048614	048615	048616	048617	048618	048619
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Smooth Pestle only	048626	048627	048628	048629	048630	048631
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Borosilicate glass cylinder only	048620	048621	048622	048623	048624	048625
Price for 2	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

PTFE Potter-Elvehjem Tissue Grinders



- Borosilicate glass
- Pestle-cylinder clearance: 0.1 to 0.15 mm
- PTFE pestle on stainless steel rod
- Choice of smooth pestle for soft tissue (e.g. brain, liver) or ribbed pestle for hard tissue or finer grinding

Volume (ml)	2	5	10	15	30	50
ø x H chamber (mm)	11 x 45	13 x 66	16 x 74	19 x 84	24 x 118	30 x 130
Pestle length (mm)	203	219	219	219	266	266
Cylinder only Cat. No.	057006	057007	057008	057009	057010	057011
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Smooth Pestle Cat. No.	057012	057013	057014	057015	057016	057017
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Grooved Pestle Cat. No.	057018	057019	057020	057021	057022	057023
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Kontes Potter-Elvehjem Tissue Grinders



Very high precision grinder

- Complete grinder consisting of a borosilicate glass cylinder and a metal pestle with a round PTFE tip
- The gap between the cylinder and the pestle is between 0.1 and 0.15 mm

Number	18	19	20	22	23	24
Volume (ml)	0.5	1	3	8	17	45
Total height (mm)	80	95	115	150	175	220
ø (mm)	12	12	12	19	25	32
Complete Tissue Grinder Cat. No.	045146	045147	045148	045149	045150	045151
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Spare cylinder Cat. No.	045152	045153	045154	045155	045156	045157
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Micro Potter-Elvehjem Tissue Grinder 0.1 ml



- ▶ Spout
- ▶ Borosilicate glass with low extractable content
- ▶ Clearance at 0.1 to 0.15 mm
- ▶ ASTM Type I Class A and USP Type I standards

Cat. No.	Capacity (ml)	Ø x H (mm)	Length (mm)	Units/box	Price/box
048613	0.1	4 x 65	110	2	N/A -

Disposable glass Tissue Grinder 0.75 ml



Cat. No.	Capacity (ml)	Ø x H (mm)	Units/box	Price/box
048648	0.75	8 x 44	25	N/A -

Potter-Elvehjem Tissue Grinder 100 ml

- ▶ Consists of a borosilicate glass cylinder and a PTFE-tipped Pestle on a stainless steel rod
- ▶ Radial grooves for easy particle transfer
- ▶ Volume: 100 ml
- ▶ Ø x height (mm): 57 x 232
- ▶ Ø x Pestle height (mm): 6 x 349
- ▶ Pestle-cylinder clearance: 0.1 to 0.15 mm

Cat. No.	Description	Price
045129	Complete Tissue Grinder	N/A -
045131	Spare pestle	N/A -



Dounce Homogeniser

Volume (ml)	2	7	15	40	100
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Complete kit (cylinder + 2 pistons)

Cat. No.	045012	045013	045014	045015	045016
Price	N/A -	N/A -	N/A -	N/A -	N/A -

Wide Gap Pestle - Type A

Pestle-cylinder clearance (µm)	76 to 127	71 to 119	89 to 165	76 to 152	51 to 254
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Cat. No.	045017	045018	045019	045020	045021
Price	N/A -	N/A -	N/A -	N/A -	N/A -

Narrow Gap Pestle - Type B

Pestle-cylinder clearance (µm)	12 to 63	20 to 55	25 to 76	25 to 75	12 to 140
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Cat. No.	045022	045023	045024	045025	045026
Price	N/A -	N/A -	N/A -	N/A -	N/A -

Cylinder only

Cat. No.	045027	045028	045029	045030	045031
Price	N/A -	N/A -	N/A -	N/A -	N/A -

Grinding kit made entirely of high precision borosilicate glass.

- ▶ The kit includes:
 - a cylinder with tank;
 - two pestles of different diameters, allowing for fine or ultra-fine grinding.



Tenbroeck Tissue Grinder

- ▶ Borosilicate glass cylinder and hollow pestle
- ▶ Suitable for cold work, can be filled with ice
- ▶ Manual or motor-activated grinding
- ▶ Pestle-cylinder clearance: 0.1 to 0.15 mm

Volume (ml)	2	7	15	40
Total height (mm)	160	195	250	315
Working height (mm)	100	125	157	215
Ø chamber (mm)	11	16	20	30
Cat. No.	057003	057004	057005	057046
Price	N/A -	N/A -	N/A -	N/A -



Reusable Pellet pestle for 0.5 ml and 1.5 ml microtubes



Pellet pestles with stainless steel rod and conical PTFE head can be used with all 0.5 or 1.5 mL microtubes

Cat. No.	Description	Price
045009	Pellet pestle 0.5 ml	N/A -
045010	Pellet pestle 1.5 ml	N/A -

Biomasher Pellet pestle



- > Polypropylene manual pellet pestle with guide pestle and 1.5 ml microtube perfectly matched to each other
- > Sterile or non-sterile version, each pestle individually packaged with its own 1.5 ml microtube in a blister pack

Cat. No.	Description	Price/50 units
431125	Pestle + Biomasher non-sterile microtube	N/A -
431126	Pestle + Biomasher microtube sterile case	N/A -

Coloured Pellet pestle for microtubes



Polypropylene Pestles for resuspension of protein and nucleic precipitates, homogenisation of cells.

- > Single use, RNase and DNase free
- > Mixed colours: red, blue, green, purple, orange
- > For 0.5 ml or 1.5 ml microtubes

Fluorescent coloured microtubes

Microtube volumes	Pestles only		Pestles + microtubes	
	Cat. No.	Price per 10	Cat. No.	Price per 10
0.5 ml	045419	N/A -	045421	N/A -
1.5 ml	045420	N/A -	045422	N/A -

Volume	1.5 ml
Cat. No.	045424
Units/box	500
Price/box	N/A -

Pellet pestle and microtubes



- > Made of polypropylene
- > White or blue
- > For 0.5 ml or 1.5 ml microtubes
- > Individual packaging for the blue microtube

Volume (ml)	White		Blue	
	0.5 ml	1.5 ml	0.5 ml	1.5 ml
Pestles only	045651	045650	045008	045007
Price per 100	N/A -	N/A -	N/A -	N/A -
Pestles + microtubes	141230	045001	045002	045003
Price per 100	N/A -	N/A -	N/A -	N/A -
Microtubes only	-	141228	065347	065344
Price per 100	-	N/A -	N/A -	N/A -

Treff Pellet pestle 0.5 ml and 1.5 ml universal



The most popular microtube pestle

- > Non-slip ribbed rod
- > Autoclavable polypropylene
- > Perfectly adapted for Treff 1.5 ml and 0.5 ml microtubes
- > Suitable for all brands of microtubes
- > Length: 75 mm

Cat. No.	Description	Pack unit.	Price
034057B	Treff Pellet pestle for 1.5 ml microtubes	50	N/A -
034013	Treff microtubes 1.5 ml	1000	N/A -
034058B	Treff Pellet pestle for 0.5 ml microtubes	50	N/A -
034001	Treff microtubes 0.5 ml	5	N/A -

Polypestle™ double-sided Pellet pestle

- > Polypropylene pellet pestle, gamma sterile
- > Conical side for 1.5 ml microtubes
- > Convex side for cell strainers
- > Textured handle for secure grip
- > Length: 145 mm
- > Individual Paper/plastic packaging



Cat. No.	Description	Units/box	Price/box
062915	Double-sided Pellet pestle	50	N/A -

Eppendorf Pellet pestle 1.5 and 2 ml

The Eppendorf microtube has its own grinder: the Eppendorf Pellet pestle fits both 1.5 ml and 2 ml Eppendorf microtubes thanks to its double-side

Cat. No.	Description	Price 10 units
033522	Pellet pestle	N/A -



ClearLine® Mixer for Pellet pestle

Electric mixer (battery operated) to be completed with a single use or reusable pellet pestle. For resuspension of pellets in 0.5 ml and 1.5 ml microtubes.

- > Speed: 160 rpm
- > Power supply: 2 x AA 1.5 V batteries



Cat. No.	Description	Price
045011	Motor Mixer Pellet mixer for microtube stirring	N/A -
141231	Rubber adapter for Motor Mixer	N/A -
045319	AA R6 battery	N/A -

Electric tissue grinder

- > Runs on mains power (G50 model) or battery (models G 10 / G 20) - 154337 Battery ordered separately
- > Requires a smooth-head pestle

Model	G 10	G 50
Speed (rpm)	12000	Adjustable from 3000 to 8000
Dim. (Ø x H or W x L x H) (mm)	25 x 155	50 x 26 x 170
Net weight (g)	200	145
Power supply	3.7V Lithium battery	12V DC, 5A
Cat. No.	154320	154322
Price	N/A -	N/A -



Pestles

Made of sterile, autoclavable plastic or autoclavable stainless steel.

Cat. No.	Description	Units/box	Price/box
154323	Plastic pestle	50	N/A -
154324	Stainless steel pestle	1	N/A -

Battery

Cat. No.	Description	Price
154337	Battery for G10 tissue grinder	N/A -

Homogeniser for microtubes



➤ For homogenisation of precipitates, cells and tissues

➤ Works with 2 AA batteries (included)

Cat. No.	Description	Price
947820	Homogeniser with pestle adapter	N/A -

Pestles and microtubes

➤ Autoclavable polypropylene

➤ Can be used with or without the mixer

➤ Tube with 25% thicker bottom to ensure integrity during use

Description	Units/ box	Individual packaging		In bulk	
		Cat. No.	Price	Cat. No.	Price
Pestle 0.5 ml	100	947821	N/A -	947827	N/A -
Pestle and microtube 0.5 ml	100	947823	N/A -	-	-
Pestle 1.5 ml	100	947824	N/A -	947830	N/A -
Pestle and microtube 1.5 ml	100	947826	N/A -	947832	N/A -

Spiral cylindrical pestles and BioVortexer



➤ Ideal for homogenisation of soft tissues (liver, brain and muscle...) and precipitates, and resuspension of the centrifugation pellet

➤ The addition of grinding beads is recommended for more efficient tissue lysis

➤ Can be used with the BioVortexer for better homogenisation

➤ Compatible with 1.5 and 0.5 ml conical tubes

➤ It is possible to reduce the speed of the BioVortexer homogeniser by working with one of the 2 batteries only

Cat. No.	Description	Price
918034	Pestle and 1.5 ml microtubes (100 units) and sample of spiral grinding beads	N/A -
918035	Glass beads for pestle grinder (50 cc bottle with spout)	N/A -
918044	BioVortexer homogeniser (batteries included)	N/A -

Tissue Grinders



15 ml version



50 ml version

- Closed system consisting of a tube and a pestle
- Sterile unit packaging
- Two versions: standard or fibrous tissues

Tube volume	For standard tissues		For fibrous tissues	
	Cat. No.	Price/ 10 units	Cat. No.	Price/ 10 units
15 ml	065359	N/A -	065361	N/A -
50 ml	065360	N/A -	065362	N/A -

CellCrusher tissue grinders



Instructions for use:

- 1) Place the sample in the chamber (liquid nitrogen temperature)
- 2) Crush the sample with the pestle by tapping with a mallet
- 3) Collect the crushed material with the spoon

- Kit for grinding samples from 10 mg to 10 g
- Limited sample loss
- Grinding of hard samples (e.g. cartilage, roots)
- Easy to clean

Cat. No.	Description	Price
538004	CellCrusher only	N/A -

	Kit A	Kit B
Sample mass	10 mg to 5 g	10 mg to 10 g
The kit contains	Cell Crusher: chamber (32 x 42 mm) + stainless steel pestle	
	Pliers, spoon and mallet	
	Drill can be adapted to any grinder that accepts 9 mm Ø rods	
Cat. No.	538003	538005
Price	N/A -	N/A -

Transepithelial resistance meter (TEER)

- Low noise for better resolution and accuracy
- Adjustable measuring currents (2, 4 or 10 μ A)
- Resistance from 1 Ω to 100 000 Ω or with three fixed current ranges
- Reliable low-current, low-voltage design prevents transport of metal ions
- Fast stabilisation of resistance on low levels below 200 Ω with resolution down to 0.1 Ω
- Ergonomically designed tiltable stand for low glare
- The display shows the most recent set of programmed parameters
- Automatic plate indexing operation with or without control well subtraction for resistance and potential difference measurements
- Continuous data recording via USB (PC, Mac, Linux)
- Saves time-stamped data to a file that can be read in a spreadsheet on a USB stick
- Scalable firmware

Applications

- Measurement of confluence, transepithelial resistance or potential difference of epithelial or endothelial tissue
- Permeability, conductance and drug effect studies
- Continuous digital monitoring of a target membrane
- Blood-brain barrier transport
- Studies of lung epithelial tissue
- Intestinal tissue studies
- Skin tissue studies



Benefits

- Eliminates errors and reduces handling time
- Automatic data recording
- Small footprint
- Electrode designed to be positioned above the well (12 or 24 well plate) without being held and always in the same position, for reproducible results
- Easy calibration and verification
- Triggering of the measurement with a foot switch for hands-free operation
- Trans-epithelial resistance calculated by applying a formula using the unit area to the resistance

Cat. No.	Description	Price
170105B	Transepithelial resistance meter	N/A -



Greiner Bio-One Plant Culture container



Cat. No.	Sterile	Pack. unit	Units/box	Price/box
968164	Yes	4	144	N/A -
968177*	No	192	192	N/A -
968161	Yes	192	192	N/A -
968162	Yes	1	168	N/A -

* without lid

- Made of transparent polystyrene for maximum light transmission and therefore fast and successful growth
- Used in plant culture or sample transport
- Free of heavy metals
- Operating temperature: -20 °C to 60 °C
- Dimensions Ø x H: 68 x 110 mm
- Working volume: 300 ml

Other containers for plant culture

Polystyrene containers without filter



- Sterile, non-autoclavable and non-reusable
- Non-hermetic closure

Trays only

Cat. No.	Volume (ml)	L x W x H (mm)	Units/bag	Units/box	Price/box
017001	300	145 x 101 x 40	50	600	N/A -
017002	500	145 x 101 x 60	50	600	N/A -
017003	750	145 x 101 x 85	50	600	N/A -

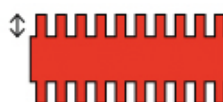
Lids only

Cat. No.	L x W x H (mm)	Units/bag	Units/box	Price/box
017004	145 x 100 x 50	50	600	N/A -
017063	145 x 100 x 60	50	600	N/A -

Polypropylene containers with filter



- HEPA filter allows air to pass through while preventing contamination
- Non-sterile boxes: reusable and autoclavable up to 7 times
- Containers available in sterile version - add an "S" after the Cat. No. (not autoclavable and not reusable)
- 100% recyclable
- Gas exchange depends on the length of the filter; the longer the filter, the less gas exchange takes place:
 - white and red filters recommended for plants with a long incubation time
 - green filter recommended for plants with a short incubation time or requiring high gas exchange



Round models

Ø x H (mm)	80 x 40			80 x 60			97 x 50		
	Cat. No.	Units/box	Price/box	Cat. No.	Units/box	Price/box	Cat. No.	Units/box	Price/box
White filter	017046B	560	N/A -	017042D	465	N/A -	017033E	350	N/A -
Red filter	017048B	560	N/A -	017044D	465	N/A -	017035E	350	N/A -
Green filter	017049B	560	N/A -	017045D	465	N/A -	017036E	350	N/A -

Ø x H (mm)	97 x 80			97 x 120			75 x 114			90 x 140		
	Cat. No.	Units/box	Price/box	Cat. No.	Units/box	Price/box	Cat. No.	Units/box	Price/box	Cat. No.	Units/box	Price/box
White filter	017028B	312	N/A -	017024B	265	N/A -	017037B	430	N/A -	017051D	265	N/A -
Red filter	017031B	312	N/A -	017026B	265	N/A -	017039B	430	N/A -	017053D	265	N/A -
Green filter	017032B	312	N/A -	017027B	265	N/A -	017041B	430	N/A -	017054D	265	N/A -

Rectangular models

Ø x H (mm)	125 x 65 x 90		
	Cat. No.	Units/box	Price/box
White filter	017055	350	N/A -
Red filter	017057	350	N/A -
Green filter	017058	350	N/A -



Plant culture squared jars

- Available in 3 different materials: PS/PC/PP
- Special design: jars can be connected from the upper part with an adaptable frame

Cat. No.	Material	Ext. dim. L x W x H (mm)	Sterile	Packaging unit	Units/box	Price/box
330150	PS	72 x 72 x 100	Yes	4	120	N/A -
330151	PC	72 x 72 x 100	No	4	120	N/A -
330152	PP	72 x 72 x 100	No	4	120	N/A -

Frame

Cat. No.	Material	Ext. dim. L x W x H (mm)	Sterile	Packaging unit	Units/box	Price/box
330153	PP	80.8 x 80.8 x 21	No	30	60	N/A -



GA7 and GA7-3 Magenta plant culture vessel

Designed for plant tissue culture, their growth, transplanting and shipping.

- Made of autoclavable transparent polycarbonate with polypropylene lid
- Useful culture area: 70.5% of the surface area occupied
- Patented closure system eliminates the risk of contamination
- Anti-condensation runoff ring prevents contamination of the plant
- Dimensions: 76 x 76 x 76 mm for the GA 7-3 / 76 x 76 x 102 mm for the GA 7

Cat. No.	Description	Units/box	Price/box
950146	GA 7-3 plant culture vessel without lid	100	N/A -
950147	GA 7 plant culture vessel without lid	50	N/A -
950148	Lid only for GA 7 and GA 7-3	1	N/A -



Plant culture round containers

- Ideal for germination
- Stackable

Cat.No.	Material	Ext. dim. Ø x H (mm)	Autoclavable	Sterile	Packaging unit	Units/box	Price/box
330154	PS	100 x 40	No	Yes	5	200	N/A -
330155	PP	100 x 40	Yes	No	5	200	N/A -
330156	PS	100 x 20	No	Yes	10	200	N/A -
330157	PS	90 x 15	No	Yes	10	500	N/A -
330158	PS	90 x 20	No	Yes	10	200	N/A -
330159	PS	100 x 15	No	Yes	10	500	N/A -



Plant culture bottles

- Ideal for germination and growth of young plants
- Stackable
- Screw cap
- Autoclavable

Cat.No.	Material (bottle/ cap)	Dim. (mm) L x W x H	Vol. (ml)	Autoclavable	Sterile	Units/box	Price/box
330162	PP / PP	79 x 79 x 110	500	No	No	1	N/A -
330163	PC/HDPE	95 x 95 x 140	500	Yes	No	1	N/A -



Find all our media for plant culture in the following section



- Exclusive partnership with PAN BIOTECH, specialised producer of serum, media and additives since 1994
- Quality serum
- Great care taken in the collection, preparation and storage stages
- Aseptic collection of serum
- Centrifugation of coagulated blood, then freezing
- Samples taken to check the conformity of batches

- Successive filtration to 1 porosity of 0.2 µm
- Packaged in PETG flask
- Steps carried out in a laminar flow hood, in a class 100 clean room
- Control test performed on all sera
- Quality certificate available on request or at www.pan-biotech.de
- ISO 9001 certified range



PAN BIOTECH range - Serum

Fetal calf serum

Désignation	Cat. No.	Volume (ml)	Price
Fetal calf serum, South American origin	P500101	100	N/A -
	P500105	500	N/A -
PREMIUM foetal calf serum, South American origin,	P30-3301	100	N/A -
	P30-3302	500	N/A -
Fetal calf serum, Australian origin	P30-1301	100	N/A -
	P30-1302	500	N/A -
Fetal calf serum, US origin	P30-1401	100	N/A -
	P30-1402	500	N/A -

FBS GOOD filtered serum (bovine and fetal serum pool)

Désignation	Cat. No.	Volume (ml)	Price
FBS GOOD, DEFINED EU certified	P40-37100	100	N/A -
	P40-37500	500	N/A -
FBS GOOD, Australian origin	P40-39500	500	N/A -
FBS GOOD FORTE enriched with EU certified growth factors	P40-47100	100	N/A -

High quality serum

Désignation	Cat. No.	Volume (ml)	Price
FBS MSC South American origin, tested mesenchymal stem cells	P30-2611	100	N/A -
	P30-2612	500	N/A -
Special fetal calf serum for ES embryonic stem cells	P500101ES	100	N/A -
	P500105ES	500	N/A -
Adult bovine serum of variable origin	P30-0601	100	N/A -
	P30-0602	500	N/A -
SERAPRO: EU certified low endotoxin fetal calf serum	P30-5100	100	N/A -
	P30-5500	500	N/A -
Biotech Fetal Calf Serum, Australian origin, tested according to EMEA 1793 and Ph. Eur. 2262	P40-1301	100	N/A -
	P40-1302A	500	N/A -
Biotech Fetal Calf Serum, US origin, tested according to EMEA 1793 and Ph. Eur. 2262	P40-1401	100	N/A -
	P40-1402	500	N/A -

Supreme grade

- From a selection of the best batches, very stable in quality, reproducible, with a low endotoxin rate

Désignation	Cat. No.	Vol. (ml)	Price
Fetal Calf Serum Supreme, South American origin	P30-3030	100	N/A -
	P30-3031	500	N/A -

Animal serum

Cat.No.	Désignation	Vol. (ml)	Price
500131	Donor horse serum	100	N/A -
500135	Donor horse serum P30-0702	500	N/A -
P30-0711	Horse serum	100	N/A -
500161	Donkey Serum P30-0101	100	N/A -
500121	Newborn calf serum, virus and mycoplasma tested	100	N/A -
500125	Newborn calf serum, virus and mycoplasma tested	500	N/A -



ON REQUEST

- Animal plasma
- Other origins
- Other Specifications
- Other volumes
- Other types

Serum with treatment

Désignation	Cat. No.	Volume (ml)	Price
Fetal calf serum, inactivated heat, South America	P30-193305	100	N/A -
	P30-193306	500	N/A -
Fetal bovine serum, premium, inactivated	P30-1901	100	N/A -
	P30-1902	500	N/A -
Fetal calf serum, EU approved, dialysed	P30-2101	100	N/A -
	P30-2102	500	N/A -
Fetal calf serum, EU approved, activated carbon filter	P30-2301	100	N/A -
	P30-2302	500	N/A -
Fetal calf serum, EU approved, tetracycline free	P30-3601	100	N/A -
	P30-3602	500	N/A -
ULTRA low IgG Fetal bovine serum EU approved	P30-2801	100	N/A -
	P30-2802	500	N/A -
Fetal calf serum, EU approved, delipidated	P30-3401	100	N/A -
	P30-3402	500	N/A -
Fetal calf serum, premium gamma irradiated South America	P30-2001	100	N/A -
	P30-2002	500	N/A -
FBS EU professional, EU approved, inactivated P30-8100	500101	100	N/A -

Human serum

Désignation	Cat. No.	Volume (ml)	Price
Human serum	P30-2401	100	N/A -
	P30-2402	500	N/A -
Human serum AB	P30-2501	100	N/A -
Human serum AB (male)	P30-2901	100	N/A -
Off-the-clot Human serum	P30-2701	100	N/A -
Off-the-clot AB Human serum (male)	P40-2701	100	N/A -
Human clot AB serum (male)	P40-3002	500	N/A -
Human plasma with citrate	P40-26500	500	N/A -

HUMAN PLATELET LYSATE (hPL)

- Human platelet lysate is an xeno-free alternative to SVF
- It is obtained from the liquid fraction of non-coagulated blood, or blood plasma, which is rich in platelets and contains lipids, coagulation factors but also and above all hormones and proteins, notably albumin
- HPL is capable of promoting the growth of MSCs, MSCs, adherent and non-adherent human primary cells and lines

Cat.No.	Désignation	Volume (ml)	Price
P40-28100	HPL Human Platelet Lysate, ready to use	100	N/A -

- Selection of lots, reserved over a period of 4-6 weeks
- Free shipping of 50 ml test bottle
- Reservation for a defined period





DD range - Serum

Fetal calf serum

Cat. No.	Origin	Vol. (ml)	Price
S1810-100	South America	100	N/A -
S1810-500	South America	500	N/A -
S1650-100	Mexico, USDA approved	100	N/A -
S1650-500	Mexico, USDA approved	500	N/A -
S1520-100	USA	100	N/A -
S1520-500	USA	500	N/A -

Fetal calf serum with treatment: South American origin

Cat. No.	Treatment	Vol. (ml)	Price	Cat. No.	Treatment	Vol. (ml)	Price
S181H-100	Heat inactivated	100	N/A -	S181L-100	Lipid Depleted	100	N/A -
S181H-500	Heat inactivated	500	N/A -	S181L-500	Lipid Depleted	500	N/A -
S181F-100	Carbon adsorption	100	N/A -	S181T-100	Without tetracycline	100	N/A -
S181F-500	Carbon adsorption	500	N/A -	S181T-500	Without tetracycline	500	N/A -
S181D-100	Dialysed	100	N/A -	S181R-100	Iron supplemented	100	N/A -
S181D-500	Dialysed	500	N/A -	S181R-500	Iron supplemented	500	N/A -
S181I-500	Depleted IgG	500	N/A -	S181R-500	ES Cells	100	N/A -
S181M-500	Exosome Depleted	500	N/A -	S181R-500	ES Cells	500	N/A -

High quality serum

SVF Ultra-Low endotoxins - South America - endotoxin levels < 0.1 EU/ml

Cat. No.	Volume (ml)	Price
S1860-100	100	N/A -
S1860-500	500	N/A -

SVF Premium

- > Endotoxin levels < 5 EU/ml
- > Hemoglobin levels < 25 mg /100 ml
- > Growth > 80%
- > Filtration 0.1 µm
- > Low batch to batch variation
- > Time saving
- > Without test
- > Triple Filtration 0.1 µm
- > Tested on HELA, MRC-5, L929 and SP2/0-AG14

Cat. No.	Volume (ml)	Price
S181B-500	500	N/A -

Fetal calf serum

Cat. No.	Origin	Volume (ml)	Price
S1700-500	Oceania	500	N/A -
S1710-500	New Zeland	500	N/A -

Animal blood

- > Aseptically collected
- > Storage 2-8 °C
- > Shelf life 56 days



Defibrinated sheep blood

Cat. No.	Volume (ml)	Price
240200	100	N/A -



Defibrinated Horse Blood

Cat. No.	Volume (ml)	Price
240201	100	N/A -



Animal serum

Cat. No.	Origin	Vol. (ml)	Price
S0250-500	Bovine (French origin)	500	N/A -
S0400-500	Calf	500	N/A -
S0400-1000	Calf	1000	N/A -
S0750-500	Newborn calf	500	N/A -
S0900-100	Donor horse	100	N/A -
S0900-500	Donor horse	500	N/A -
S0910-100	Horse	100	N/A -
S0910-500	Horse	500	N/A -
S0800-100	Donor Foal	100	N/A -
S2170-100	Donkey	100	N/A -
S2170-500	Donkey	500	N/A -
S2000-100	Goat	100	N/A -
S2000-500	Goat	500	N/A -
S2300-100	Lamb	100	N/A -
S2300-500	Lamb	500	N/A -
S2350-100	Sheep	100	N/A -
S2350-500	Sheep	500	N/A -
S2400-100	Pig	100	N/A -
S2400-500	Pig	500	N/A -
S0500-100	Hen	100	N/A -
S0500-500	Hen	500	N/A -
S2500-100	Rabbit (French origin)	100	N/A -
S2500-500	Rabbit (French origin)	500	N/A -
S2150-010	Rat	10	N/A -
S2150-100	Rat	100	N/A -
S2160-100	Mouse	100	N/A -
S2160-500	Mouse	500	N/A -

Human serum and plasma

Human serum HIV tested

Cat. No.	Volume (ml)	Price
S4200-100	100	N/A -

Human AB male serum HIV tested

Cat. No.	Volume (ml)	Price
S4190-100	100	N/A -

Human plasma pool

Cat. No.	Volume (ml)	Price
S4180-100	100	N/A -
S4180-500	500	N/A -

Animal plasma

Cat. No.	Désignation	Volume (ml)	Price
S0260-500	Bovine with sodium citrate	500	N/A -
S2600-500	Rabbit with EDTA	500	N/A -
S2140-100	Rat with heparin lithium	100	N/A -

HYCLONE range - Serum

FETALCLONE



Alternative to SVF US origin, filtered at 0.1 µm, ensures consistency in product quality.

- **FETALCLONE I:** suitable for hybridomas
- **FETALCLONE II:** adapted to CHO cells (enriched with growth factors & supplements)
- **FETALCLONE III:** adapted to fibroblasts

Type FETALCLONE	100 ml		500 ml	
	Cat. No.	Price	Cat. No.	Price
I	SH30080.02	N/A -	SH30080.03	N/A -
II)	SH30066.02	N/A -	SH30066.03	N/A -
III	SH30109.02	N/A -	SH30109.03	N/A -

Désignation	500 ml		1000 ml	
	Cat. No.	Price	Cat. No.	Price
South American Origin				
Fetal bovine serum research grade	SV30160.03	N/A -	-	-
USA Origin				
Defined fetal bovine serum	SH30070.03	N/A -	-	-
Characterised fetal bovine serum	SH30071.03	N/A -	-	-
Standard fetal bovine serum	SH30088.03	N/A -	-	-
Fetal bovine serum low IgG level	SH30898.03	N/A -	-	-
Fetal bovine serum Es screened	-	-	-	-
Newborn calf serum	SH30118.03	N/A -	SH30118.04	N/A -
Calf serum	SH30073.03	N/A -	-	-
Cosmic calf serum	SH30087.03	N/A -	SH30087.04	N/A -
Donor Adult bovine serum	SH30075.03	N/A -	-	-
Bovine growth serum	SH30541.03	N/A -	-	-

New Zealand Origin

Newborn bovine serum	-	-	SH30401.02	N/A -
Characterised fetal bovine serum	SH30406.02	N/A -	SH30406.03	N/A -
Cosmic calf serum	SH30413.02	N/A -	SH30413.03	N/A -
Iron-supplemented calf serum	SH30626.02	N/A -	SH30626.03	N/A -

Australian origin

Characterised fetal bovine serum	SH30084.03	N/A -	-	-
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Fetal calf serum

US origin, specific, 500 ml bottle.

Cat. No.	Désignation	Price
SH30070.03E	For embryonic stem cells	N/A -
SH30070.03M	For human mesenchymal stem cells	N/A -
SH30070.03I	For insect cells	N/A -

CORNING

Corning® Range - Serum

Fetal calf serum

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	Price
702774	35-079-CV	EU compliant, south american origin	500	N/A -
702649	35-015-CV	PREMIUM, US origin	500	N/A -
702650	35-016-CV	PREMIUM, heat-inactivated, US origin	500	N/A -
702655	35-070-CV	PREMIUM, gamma irradiated, US origin	500	N/A -
702661	35-076-CV	Australian origin	500	N/A -

TIP



TRY IT!
Ask for your sample!

SERUM WITH TREATMENT ON REQUEST:

- » INACTIVE
- » IRON SUPPLEMENT
- » IRRADIATED
- » CARBON FILTER
- » OTHER ON REQUEST

BSA

PAN BIOTECH range



Cat. No.	Désignation	Vol.	Price
P06-1391025	BSA Fraction V	25 g	N/A -
P06-1391050	BSA Fraction V	50 g	N/A -
P06-1391100	BSA Fraction V	100 g	N/A -
P06-1391500	BSA Fraction V	500 g	N/A -
P06-1403500	BSA Fraction V 30 %	500 ml	N/A -
P06-139310	BSA Low Endotoxin	10 g	N/A -
P06-139350	BSA Low Endotoxin	50 g	N/A -
P06-26025	Human serum albumin	25 g	N/A -
P06-26050	Human serum albumin	50 g	N/A -

HYCLONE Range

BSA Lyophilized, PH 6.5-7.5, endotoxins < 10EU/MG, cGMP

Cat. No.	Volume (g)	Price
SH30574.01	10	N/A -
SH30574.02	100	N/A -

DD range - Lyophilised PH-7 BSA

Quantity	BSA		Protease free		Fatty acid free	
	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
10 g	P6154-10GR	N/A -	-	-	-	-
100 g	P6154-100GR	N/A -	P6155-100GR	N/A -	P6156-100GR	N/A -
500 g	P6154-500GR	N/A -	P6155-500GR	N/A -	-	-
1 kg	-	-	P6155-1KG	N/A -	-	-

DD range - BSA

Cat. No.	Désignation	Vol. (ml)	Price
A0296-100	BSA 30 %	100	N/A -

HSA

PAN BIOTECH range



Cat. No.	Désignation	Vol.	Price
P06-26010	HSA, lyophilized powder	10 g	N/A -

DD range - Culture media



DMEM

> High glucose 4.5 g/l with phenol red

L-Glutamine	HEPES	NaHCO ₃	Sodium pyruvate	Cat. No.	Volume	Price
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Solution

-	25 mM	√	-	Lo100-500	500 ml	N/A -
-	-	√	-	Lo101-500	500 ml	N/A -
√	-	√	-	Lo102-500	500 ml	N/A -
Stable	-	√	√	Lo103-500	500 ml	N/A -
√	-	√	√	Lo104-500	500 ml	N/A -
-	-	√	√	Lo106-500	500 ml	N/A -
Stable	25 mM	√	-	Lo107-500	500 ml	N/A -

Powder

√	-	-	√	Po102-N1L	1 l	N/A -
√	-	-	-	Po103-N1L	1 l	N/A -

> Low glucose 1 g/l with phenol red

L-Glutamine	HEPES	NaHCO ₃	Sodium pyruvate	Cat. No.	Volume	Price
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Solution

√	-	√	√	Lo060-500	500 ml	N/A -
-	-	√	√	Lo064-500	500 ml	N/A -
√	25mM	√	√	Lo065-500	500 ml	N/A -
Stable	-	√	√	Lo066-500	500 ml	N/A -

Powder

√	-	-	√	Po061-N1L	1 l	N/A -
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DMEM-HAM'S F12 with phenol red

L-Glutamine	HEPES	NaHCO ₃	Sodium pyruvate	Cat. No.	Volume	Price
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Solution

-	-	√	√	Lo090-500	500 ml	N/A -
-	-	√	√	Lo091-500*	500 ml	N/A -
Stable	15 mM	√	√	Lo092-500	500 ml	N/A -
√	15 mM	√	√	Lo093-500	500 ml	N/A -
-	15 mM	√	√	Lo094-500	500 ml	N/A -
√	25 mM	√	√	Lo095-500	500 ml	N/A -
-	25 mM	√	√	Lo096-500	500 ml	N/A -

Powder

√	15 mM	-	√	Po095-N1L	1 l	N/A -
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* Glucose free

BME BASAL MEDIUM EAGLE

Earle's Salt	Hank's Salt	L-Glutamine	HEPES	NaHCO ₃	Cat. No.	Vol.	Price
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Solution with phenol red

√	-	-	-	√	Lo042-500	500 ml	N/A -
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- Powder also available in 10 l and 50 l

GLASCOW MEM BHK21

L-Glutamine	Cat. No.	Volume	Price
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Powdered - without tryptose phosphate broth

√	Po120-N1L	1 l	N/A -
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HAM'S F10

L-Glutamine	HEPES	NaHCO ₃	Cat. No.	Volume	Price
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Solution with phenol red

√	-	√	Lo140-500	500 ml	N/A -
-	-	√	Lo145-500	500 ml	N/A -

Powder

√	-	-	Po146-N1L	1 l	N/A -
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HAM'S F12

L-Glutamine	NaHCO ₃	Cat. No.	Volume	Price
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Solution

√	√	Lo135-500	500 ml	N/A -
-	√	Lo136-500	500 ml	N/A -

Powder

√	-	Po134-N1L	1 l	N/A -
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IMDM (Dulbecco's modified Iscove medium) with phenol red

L-Glutamine	HEPES	NaHCO ₃	Cat. No.	Volume	Price
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Solution

√	25 mM	√	Lo190-500	500 ml	N/A -
Stable	25 mM	√	Lo191-500	500 ml	N/A -
-	-	√	Lo192-500	500 ml	N/A -

Powder

√	25 mM	-	Po191-N1L	1 l	N/A -
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LEIBOVITZ L15 medium

Cat. No.	Volume	Price
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Solution without L-Glutamine

Lo300-500	500 ml	N/A -
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Powder with L-Glutamine

Po350-N1L	1 l	N/A -
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McCOY'S 5A

Cat. No.	Volume	Price
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Solution with L-Glutamine

Lo210-500	500 ml	N/A -
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Powder with L-Glutamine, without NaHCO₃

Po390-N1L	1 l	N/A -
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DD range - Culture media

MEM modified ALPHA

L-Glutamine	NaHCO ₃	Cat. No.	Volume	Price
√	√	Lo475-500	500 ml	N/A -
-	√	Lo476-500	500 ml	N/A -

Solution without ribonucleosides and deoxyribonucleosides

√	√	Lo475-500	500 ml	N/A -
-	√	Lo476-500	500 ml	N/A -

Powder with Earle's salt

√	-	Po440-N1L	1 l	N/A -
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M199

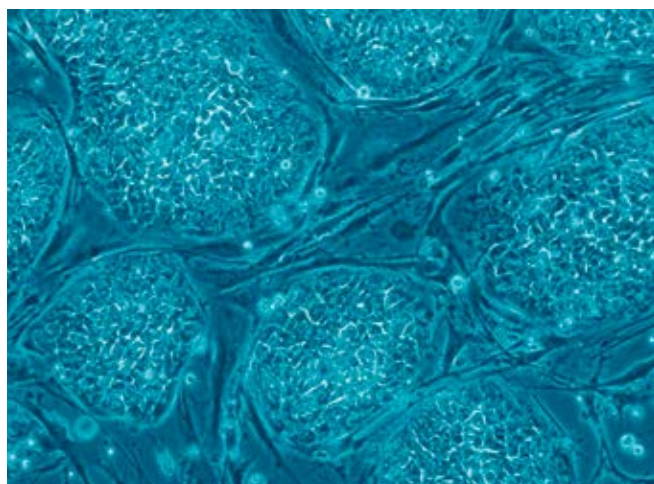
L-Glutamine	Earle's Salt	Hank's Salt	NaHCO ₃	HEPES	Cat. No.	Volume	Price
√	-	√	√	-	Lo330-500	500 ml	N/A -
√	√	-	1.25 g/l	-	Lo355-500	500 ml	N/A -
-	√	-	√	-	Lo356-500	500 ml	N/A -
Stable	√	-	√	√	Lo361-500	500 ml	N/A -

Solution

√	-	√	√	-	Lo330-500	500 ml	N/A -
√	√	-	1.25 g/l	-	Lo355-500	500 ml	N/A -
-	√	-	√	-	Lo356-500	500 ml	N/A -
Stable	√	-	√	√	Lo361-500	500 ml	N/A -

Powder

-	-	√	-	-	Po410-N1L	1 l	N/A -
√	√	-	-	-	Po420-N1L	1 l	N/A -
√	√	-	-	25 mM	Po425-N1L	1 l	N/A -



MEM (Minimum Essential Medium)

L-Glutamine	Earle's Salt	Hank's Salt	NEAA	HEPES	NaHCO ₃	Cat. No.	Volume	Price
√	√	-	-	-	√	Lo415-500	500 ml	N/A -
Stable	√	-	-	-	√	Lo416-500	500 ml	12N/A -
-	√	-	√	-	√	Lo430-500	500 ml	N/A -
-	√	-	-	-	√	Lo440-500	500 ml	N/A -
√	√	-	-	25 mM	√	Lo444-500	500 ml	N/A -
-	-	√	-	25 mM	√	Lo470-500	500 ml	N/A -

Solution with phenol red

√	√	-	-	-	√	Lo415-500	500 ml	N/A -
Stable	√	-	-	-	√	Lo416-500	500 ml	12N/A -
-	√	-	√	-	√	Lo430-500	500 ml	N/A -
-	√	-	-	-	√	Lo440-500	500 ml	N/A -
√	√	-	-	25 mM	√	Lo444-500	500 ml	N/A -
-	-	√	-	25 mM	√	Lo470-500	500 ml	N/A -

Powder

√	√	-	√	-	-	Po450-N1L	1 l	N/A -
√	√	-	-	-	-	Po451-N1L	1 l	N/A -
√	-	√	√	-	-	Po515-N1L	1 l	N/A -

RMPI 1640

L-Glutamine	HEPES	Phenol red	NaHCO ₃	Cat. No.	Volume	Price
√	-	√	√	Lo500-100	100 ml	N/A -
√	-	√	√	Lo500-500	500 ml	N/A -
-	-	√	√	Lo501-100	100 ml	N/A -
-	-	√	√	Lo501-500	500 ml	N/A -
Stable	-	√	√	Lo498-500	500 ml	N/A -
√	25 mM	√	√	Lo495-500	500 ml	N/A -
Stable	25 mM	√	√	Lo496-500	500 ml	N/A -
-	25 mM	√	√	Lo490-500	500 ml	N/A -
-	-	√	√	Lo503-500*	500 ml	N/A -
-	-	-	√	Lo505-500	500 ml	N/A -

Solution

√	-	√	√	Lo500-100	100 ml	N/A -
√	-	√	√	Lo500-500	500 ml	N/A -
-	-	√	√	Lo501-100	100 ml	N/A -
-	-	√	√	Lo501-500	500 ml	N/A -
Stable	-	√	√	Lo498-500	500 ml	N/A -
√	25 mM	√	√	Lo495-500	500 ml	N/A -
Stable	25 mM	√	√	Lo496-500	500 ml	N/A -
-	25 mM	√	√	Lo490-500	500 ml	N/A -
-	-	√	√	Lo503-500*	500 ml	N/A -
-	-	-	√	Lo505-500	500 ml	N/A -

Powder

√	-	√	-	Po860-N1L	1 l	N/A -
-	-	√	-	Po870-N1L	1 l	N/A -
√	-	-	-	Po880-N1L	1 l	N/A -
-	-	-	-	Po871-N1L	1 l	N/A -
√	25 mM	-	-	Po876-N1L	1 l	N/A -
√	-	-	-	Po883-N1L	1 l	N/A -

* without folic acid

Classic Culture media

Type of media	L-Glutamine	Sodium pyruvate	Phenol red	HEPES	Glucose	Sodium bicarbonate	Cat. No.	Volume	Price
DMEM	-	-	✓		-	3.7 g/l	P04-01548S1	500 ml	N/A -
	-	✓	✓		-	3.7 g/l	P04-01549	500 ml	N/A -
	✓	✓	✓		-	3.7 g/l	P04-01551K	20 x 500 ml	N/A -
	-	-	-		-	3.7 g/l	P04-01548	500 ml	N/A -
	-	✓	✓		1 g/l	3.7 g/l	P04-01500	500 ml	N/A -
	✓	✓	✓		1 g/l	3.7 g/l	P04-01550	500 ml	N/A -
	✓	✓	✓		1 g/l	3.7 g/l	P04-01500-1000	1000 ml	N/A -
	Stable	✓	✓		1 g/l	3.7 g/l	P04-02500	500 ml	N/A -
	-	-	-		1 g/l	3.7 g/l	P04-03556K	20 x 500 ml	N/A -
	✓	✓	-		1 g/l	3.7 g/l	P04-01515	500 ml	N/A -
	Stable	✓	-		1 g/l	3.7 g/l	P04-02500S1	500 ml	N/A -
	✓	-	-		1 g/l	3.7 g/l	P04-01516K	20 x 500 ml	N/A -
	✓	✓	✓	25 mM	1 g/l	3.7 g/l	P04-05551	500 ml	N/A -
	✓	-	✓		1 g/l	3.7 g/l	P04-01555	500 ml	N/A -
	-	-	✓		4.5 g/l	3.7 g/l	P04-03500	500 ml	N/A -
	-	✓	✓		4.5 g/l	3.7 g/l	P04-03600	500 ml	N/A -
	✓	-	✓		4.5 g/l	3.7 g/l	P04-03550	500 ml	N/A -
	✓	✓	✓		4.5 g/l	3.7 g/l	P04-03590	500 ml	N/A -
	Stable	-	✓		4.5 g/l	3.7 g/l	P04-04500	500 ml	N/A -
	Stable	✓	✓		4.5 g/l	3.7 g/l	P04-04510	500 ml	N/A -
	-	-	-		4.5 g/l	3.7 g/l	P04-01161	500 ml	N/A -
	-	✓	-		4.5 g/l	3.7 g/l	P04-01158	500 ml	N/A -
	✓	✓	-		4.5 g/l	3.7 g/l	P04-03591	500 ml	N/A -
	-	✓	✓	25 mM	4.5 g/l	3.7 g/l	P04-01597K	20 x 500 ml	N/A -
	✓	-	✓	25 mM	4.5 g/l	3.7 g/l	P04-05540	500 ml	N/A -
	✓	-	-	25 mM	4.5 g/l	3.7 g/l	P04-05545K	20 x 500 ml	N/A -
	✓	✓	✓	25 mM	4.5 g/l	3.7 g/l	P04-05550	500 ml	N/A -
	Stable	-	✓	25 mM	4.5 g/l	3.7 g/l	P04-04550K	20 x 500 ml	N/A -
-	-	-	25 mM	4.5 g/l	-	P04-03510K	20 x 500 ml	N/A -	
DMEM powder	-	-	-	-	-	-	P03-0010	10 l	N/A -
	✓	✓	✓	-	1 g/l	-	P03-0510	10 l	N/A -
	✓	✓	-	-	1 g/l	-	P03-01510	10 l	N/A -
	-	-	-	-	4.5 g/l	-	P03-6510	10 l	N/A -
	✓	-	-	-	4.5 g/l	-	P03-0710	10 l	N/A -
	✓	✓	✓	-	4.5 g/l	-	P03-0810	10 l	N/A -
	✓	-	-	25 mM	4.5 g/l	-	P03-0910	10 l	N/A -
	✓	✓	-	25 mM	4.5 g/l	-	P03-1010	10 l	N/A -
DMEM/F12 (1:1)	-	✓	✓	-	✓	1.2 g/l	P04-41450	500 ml	N/A -
	✓	✓	✓	-	✓	1.2 g/l	P04-41500	500 ml	N/A -
	Stable	✓	✓	-	✓	1.2 g/l	P04-41150	500 ml	N/A -
	-	✓	✓	15 mM	✓	1.2 g/l	P04-41550	500 ml	N/A -
	✓	✓	✓	15 mM	✓	1.2 g/l	P04-41250	500 ml	N/A -
	✓	✓	✓	25 mM	✓	1.2 g/l	P04-41252K	20 x 500 ml	N/A -
	-	✓	✓	-	-	1.2 g/l	P04-41151K	20 x 500 ml	N/A -
DMEM/F12 (1:1) Powder	-	-	-	-	-	-	P03-6010	10 l	N/A -
	✓	-	-	-	-	-	P03-1110	10 l	N/A -
	✓	-	-	15 mM	-	-	P03-6110	10 l	N/A -
	✓	-	-	25 mM	-	-	P03-1210	10 l	N/A -

PAN BIOTECH range - Culture media

Classic Culture media

Type of media										Cat. No.	Vol.	Price
	L-Glutamine	Sodium pyruvate	Phenol red	Glucose	HEPES	Sodium bicarbonate	Tryptose/Phosphate	EBSS	Nucleosides			
Alpha MEM Eagle	-					2.2 g/l			-	P04-21050	500 ml	N/A -
	√	√	√	√	-	2.2 g/l			-	P04-21060	500 ml	N/A -
	Stable					2.2 g/l			-	P04-21350K	20 x 500 ml	N/A -
	-	√	√	√	-	2.2 g/l			√	P04-21150K	20 x 500 ml	N/A -
	√	√	√	√	-	2.2 g/l			√	P04-21500	500 ml	N/A -
	Stable	√	√	√	√	-	2.2 g/l		√	P04-21250	500 ml	N/A -
Alpha MEM Eagle powder	√			-		2.2 g/l			√	P04-21502K	20 x 500 ml	N/A -
	-					-			√	P03-2410	10 l	N/A -
	√					-			√	P03-2510	10 l	N/A -
BME with EBSS	√					-			-	P03-2310	10 l	N/A -
	-	-	√	√	-	2.2 g/l		√		P04-25050	500 ml	N/A -
BME with HBSS	√	-	√	√	-	2.2 g/l		√		P04-25500K	20 x 500 ml	N/A -
	-	-	√	√	-	0.35 g/l		-		P04-26050	500 ml	N/A -
CMRL-1066	-		-	√	-	2.2 g/l			√	P04-84600	500 ml	N/A -
GLASGOW-MEM (BHK21)	-	-	√	√	-	2.75 g/l		-		P04-97500	500 ml	N/A -
	√	-	√	√	-	2.75 g/l	√			P04-96500	500 ml	N/A -
	-	-	√	√	-	2.75 g/l	√			P04-98500K	20 x 500 ml	N/A -
GLASGOW-MEM (BHK21) Powder	-					-	-			P03-3110	10 l	N/A -
	√					-	√			P03-6910	10 l	N/A -
	√					-	-			P03-6810	10 l	N/A -
HAM'S F10	-		√			1.2 g/l				P04-12050K	20 x 500 ml	N/A -
	√	√	√	√	-	1.2 g/l				P04-12500	500 ml	N/A -
	Stable	√	√	√	-	1.2 g/l				P04-13500K	20 x 500 ml	N/A -
HAM'S F10 powder	-					-				P03-5010	10 l	N/A -
	√					-				P03-3910	10 l	N/A -
	√				25 mM	-				P03-4010	10 l	N/A -
HAM'S F12	-	√	√	√	-	1.76 g/l				P04-14550	500 ml	N/A -
	√	√	√	√	-	1.76 g/l				P04-14500	500 ml	N/A -
	Stable	√	√	√	-	1.76 g/l				P04-15500	500 ml	N/A -
	√	√	-	√	25mM	1.76 g/l				P04-14501K	20 x 500 ml	N/A -
	-	√	-	√	-	1.76 g/l				P04-14559	500 ml	N/A -
HAM'S F12K	√	√	√	√	-	2.5 g/l				P04-15600K	20 x 500 ml	N/A -
HAM'S F12 powder	√					-				P03-4110	10 l	N/A -
IMDM	-	√	√	√		3.024 g/l				P04-20250	500 ml	N/A -
	√	√	√	√		3.024 g/l				P04-20350	500 ml	N/A -
	-	√	√	√	25 mM	3.024 g/l				P04-20050	500 ml	N/A -
	√		√	√	25 mM	3.024 g/l				P04-20150	500 ml	N/A -
	Stable		-	√	25 mM	3.024 g/l				P04-20451K	20 x 500 ml	N/A -
IMDM powder	-					-				P03-5210	10 l	N/A -
	√					-				P03-1310	10 l	N/A -
	√				25 mM	-				P03-1410	10 l	N/A -

PAN BIOTECH range - Culture media

Classic Culture media

Type of media	L-Glutamine	Sodium pyruvate	Phenol red	Glucose	HEPES	Sodium bicarbonate	Tryptose/Phosphate	Antibiotics	EBSS	NEAA	Cat. No.	Volume	Price
Joklik-MEM (modified for suspension culture)	√				3.6 g/l						P04-21300	500 ml	N/A -
	-					2 g/l		-	√		P04-21200K	20 x 500 ml	N/A -
Leibovitz's L-15	-	√	√	-	-	-					P04-27055	500 ml	N/A -
	√	√	√	-	-	-					P04-27500	500 ml	N/A -
	Stable	√	√	-	-	-					P04-27050K	20 x 500 ml	N/A -
	-		-			-					P04-27054K	20 x 500 ml	N/A -
Leibovitz's L-15 Powder	√	√	√	-	-	-					P03-1510	10 l	N/A -
	√	√	√	-	25 mM	-					P03-1610	10 l	N/A -
MCDB 131	-	√	√	√	-	1.176 g/l					P04-80057	500 ml	N/A -
	√	√	√	√	-	1.176 g/l					P04-80053K	20 x 500 ml	N/A -
	-	√	√	√	25 mM	1.176 g/l					P04-80054K	20 x 500 ml	N/A -
Mc COY'S 5A MEDIUM	√	-	√	√	-	2.2 g/l					P04-05500	500 ml	N/A -
	Stable	-	√	√	-	2.2 g/l					P04-06500	500 ml	N/A -
	√	-	√	√	25 mM	2.2 g/l					P04-05050K	20 x 500 ml	N/A -
MEM	-					-			√		P04-09050K	20 x 500 ml	N/A -
	-					2.2G/L			√		P04-08050	500 ml	N/A -
	-		-			2.2G/L			√		P04-00507K	20 x 500 ml	N/A -
	-				25mM	2.2G/L			√		P04-08150	500 ml	N/A -
	-					2.2G/L			√	√	P04-08509	500 ml	N/A -
	-					2.2G/L			√		P04-08500	500 ml	N/A -
	√	-	√	√	-	1.5G/L			√		P04-00509	500 ml	N/A -
	2 mM	1mM	√	√	-	1.5G/L	-	-	√	√	P04-08056	500 ml	N/A -
	√					1.5G/L			√		P04-00508K	500 ml	N/A -
	√					2.2G/L			√	√	P04-08510K	20 x 500 ml	N/A -
M199	-		√	√		2.2 g/l			√		P04-07500	500 ml	N/A -
	Stable	-	√	√	-	2.2 g/l			√		P04-07250K	20 x 500 ml	N/A -
	√		√	√	25 mM	2.2 g/l			√		P04-07150K	20 x 500 ml	N/A -
M199 with HBSS	-		√	√	-	-			-		P04-07753K	20 x 500 ml	N/A -
	√		√	√	25 mM	0.35 g/l			-		P04-07450K	20 x 500 ml	N/A -
WILLIAMS E	-	√	√	√		2.24 g/l					P04-29050	500 ml	N/A -
	√	√	√	√		2.24 g/l					P04-29500	500 ml	N/A -
	Stable	√	√	√		2.24 g/l					P04-29150	500 ml	N/A -
	-	√	-	√		2.24 g/l					P04-29510	500 ml	N/A -
RPMI 1640	-	-	√	√	-	2 g/l					P04-17500	500 ml	N/A -
	-	-	-	√	-	2 g/l					P04-16516	500 ml	N/A -
	-	-	√	√	25 mM	2 g/l					P04-18000	500 ml	N/A -
	-	-	√	√	-	-					P04-17510K	20 x 500 ml	N/A -
	-	-	√	√	25 mM	-					P04-17850K	20 x 500 ml	N/A -
	-	-	√	√	25 mM	2.2 g/l					P04-22500K	20 x 500 ml	N/A -
	-	-	√	√	20 mM	0.85 g/l					P04-19500K	20 x 500 ml	N/A -
	√	-	√	√	-	2 g/l					P04-16500	500 ml	N/A -
	√	-	-	√	-	2 g/l					P04-16515	500 ml	N/A -
	2 mM	1 mM	√	4.5 g/l	10 mM	1.5 g/l					P04-18047	500 ml	N/A -
	√	-	√	√	25 mM	2.2 g/l					P04-22100	500 ml	N/A -
	√	-	√	√	20 mM	0.85 g/l					P04-19550K	20 x 500 ml	N/A -
	√	-	√	-	-	2 g/l					P04-17545K	20 x 500 ml	N/A -
	Stable	-	√	√	-	2 g/l					P04-18500	500 ml	N/A -
	Stable	-	√	√	25 mM	2 g/l					P04-18050	500 ml	N/A -
Stable	-	√	√	-	2 g/l					P04-18525	500 ml	N/A -	
Powder	-					-					P03-7210	10 l	N/A -
	-					-					P03-7710	10 l	N/A -
	-				25 mM	-					P03-4410	10 l	N/A -
	√				25 mM	-					P03-4310	10 l	N/A -
	√					-					P03-7610	10 l	N/A -
	√				25 mM	-					P03-7310	10 l	N/A -

Corning Media range - Culture media



- ▶ On site manufacturing cGMP
- ▶ ISO 13485:2003 Certified
- ▶ Sterile (SAL 10⁻³)
- ▶ Liquids made with WFI water

Classic Culture media

Type of media	L-Glutamine	Sodium pyruvate	Phenol red	HEPES	Glucose	Sodium bicarbonate	Thyoglycerol	β-Mercaptoethanol	Earle's Salt	Calcium & Magnesium	Nucleoside	L-Cystine / L-Methionine	Cat. No.	Corning Cat. No.	Vol. (ml)	Units/box	Price/box
DMEM medium	+	+	+	-	4.5 g/L								702504	10-013-CVR	500	6	N/A -
	+	-	+	-	4.5 g/L								702512	10-017-CVR	500	6	N/A -
	-	+	+	-	4.5 g/L								702548	15-013-CMR	1000	6	N/A -
	-	+	+	-	4.5 g/L								702549	15-013-CVR	500	6	N/A -
	-	-	+	-	4.5 g/L								702555	15-017-CVR	500	6	N/A -
	-	+	+	25 mM	4.5 g/L								702557	15-018-CVR	500	6	N/A -
HAM's F-12 and DMEM 50/50 Mix	-	+	-	-	4.5 g/L								702570	17-205-CVR	500	6	N/A -
	+	+	+	-		+							702533	10-090-CVR	500	6	N/A -
	+	+	+	15 mM		+							702535	10-092-CVR	500	6	N/A -
	-	+	+	-		+							702563	15-090-CVR	500	6	N/A -
IDMEM medium	+	+	+	25 mM		+	-	-					702566	16-405-CVR	500	6	N/A -
MEM medium	+	+	+			+			+	+			702510	10-016-CVR	500	6	N/A -
	+	-	+			+			+	+			702502	10-010-CVR	500	6	N/A -
	-	-	+			+			+	+			702546	15-010-CVR	500	6	N/A -
MEM Alpha medium	-	-	-			+			+	+			702573	17-305-CVR	500	6	N/A -
	+	+	+			+			+		+		702513	10-022-CVR	500	6	N/A -
199 modified medium	-	+	+			+			+		-		702547	15-012-CVR	500	6	N/A -
McCoy's 5A medium, Iwakata & Grace Modification	+		+			+			+				702528	10-060-CVR	500	6	N/A -
Ham's F-10 medium	+					+			+				702526	10-050-CVR	500	6	N/A -
Ham's F-12 medium	+					+			+				702529	10-070-CVR	500	6	N/A -
Leibovitz L-15 medium	+					+			+				702531	10-080-CVR	500	6	N/A -
MCDB 131 Medium	+	+	+			+			+				702525	10-045-CVR	500	6	N/A -
F-12K nutrient medium Kaighn modification	-					+			+				702564	15-100-CVR	500	6	N/A -
RPMI 1640 Medium	+	+	+		+	+			+				702515	10-025-CVR	500	6	N/A -
	+	+	+		+	+			+			+	702519	10-040-CVR	500	6	N/A -
	+	+	+	25 mM		+			+			+	702523	10-041-CVR	500	6	N/A -
	-	+	+	25 mM		+			+			+	702561	15-041-CVR	500	6	N/A -
	-	-	-			+			+			+	702568	17-105-CVR	500	6	N/A -
	+	+	-		+	+			+		+	702559	15-040-CVR	500	6	N/A -	

DD range - Buffered saline solutions



DPBS

Cat. No.	Volume	Price
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DPBS without calcium, without magnesium

Lo615-100	100 ml	N/A -
Lo615-500	500 ml	N/A -
Lo615-1000	1 l	N/A -
Lo615-C10LS	10 l	N/A -

DPBS 10 x without calcium, without magnesium

Xo515-500	500 ml	N/A -
Xo515-C10LS	10 l	N/A -

DPBS, 10 x with calcium, with magnesium

Xo520-500	500 ml	N/A -
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DPBS powder without calcium, without magnesium

Po750-N1L	1 l	N/A -
Po750-N10L	10 l	N/A -

EBSS - Earle's balanced salt solution, phenol red

Cat. No.	Désignation	Volume	Price
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Lo601-500	Without Calcium, without magnesium	500 ml	N/A -
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EBSS 10x without sodium bicarbonate

Xo112-500	With calcium with magnesium	500 ml	N/A -
Xo113-500	Without Calcium, without magnesium	500 ml	N/A -

HEPES

Cat. No.	Désignation	Price
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Lo180-100	HEPES 1M Buffer - 100 ml	N/A -
Lo180-500	HEPES 1M Buffer - 500 ml	N/A -

Other salts and buffer solutions

Cat. No.	Désignation	Price
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Lo642-100	Sodium Pyruvate 100 mM - 100 ml	N/A -
Lo642-500	Sodium Pyruvate 100 mM - 500 ml	N/A -
Lo643-100	Potassium chloride 0.075 M - 100 ml	N/A -
Lo643-500	Potassium chloride 0.075 M - 500 ml	N/A -
P2035-500GR	Potassium Chloride - 500 g	N/A -
Lo680-100	Sodium bicarbonate 7.5% - 100 ml	N/A -
Lo680-500	Sodium bicarbonate 7.5% - 500 ml	N/A -
P2060-500GR	Sodium bicarbonate, cell culture tested - 500 g	N/A -



HBSS - Hank's balanced salt solution

Cat. No.	Calcium	Magnesium	Sodium bicarbonate	Phenol red	Volume (ml)	Price
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Lo605-500	-	-	-	-	500 ml	N/A -
Lo606-500	✓	✓	✓	✓	500 ml	N/A -
Lo607-500	-	-	✓	-	500 ml	N/A -
Lo611-500	-	-	✓	✓	500 ml	N/A -
Lo612-500	✓	✓	✓	-	500 ml	N/A -

HBSS 10X

Xo507-500	-	-	-	-	500 ml	N/A -
Xo509-500	✓	✓	-	✓	500 ml	N/A -
Xo510-500	-	-	✓	-	500 ml	N/A -
Xo513-500	-	-	-	✓	500 ml	N/A -

PBS 10X

Cat. No.	Volume	Price
o91591	500 ml	N/A -
o91549	1 l	N/A -

- Sterile
- Used for reagent preparation, cell dilution, cell washing

PBS buffered solutions in tablets

Cat. No.	Désignation	Units/box	Price/box
548664	PBS pH 7.2	10	N/A -
672458	PBS pH 7.4	10	N/A -

- Preparation for 1 litre solution
- Ready in minutes
- Autoclavable



Corning® Range - Solutions Buffered saline solutions

CORNING

PBS without calcium, without magnesium, pH 7.4

Cat. No.	Corning Cat. No.	Volume	Units/box	Price/box
702594	21-040-CVR	500 ml	6	N/A -
702592	21-040-CMR	1 l	6	N/A -

PBS 10 X, pH 7.4

Cat. No.	Corning Cat. No.	Volume	Units/box	Price/box
702679	46-013-CM	1 l	6	N/A -

HEPES 1M

Cat. No.	Corning Cat. No.	Volume	Units/box	Price/box
702623	25-060-CI	100 ml	6	N/A -

HBSS

Cat. No.	Corning Cat. No.	Désignation	Phenol red	Vol.	Units/box	Price/box
702579	21-020-CVR	With calcium and magnesium	✓	500 ml	6	N/A -
702581	21-021-CVR	Without Calcium, without magnesium	✓	500 ml	6	N/A -
702583	21-022-CVR	Without Calcium, without magnesium	Without	500 ml	6	N/A -
702585	21-023-CVR	With calcium and magnesium	Without	500 ml	6	N/A -

DPBS

Cat. No.	Corning Cat. No.	Désignation	Vol.	Units/box	Price/box
702587	21-030-CVR	1 X, with calcium and magnesium	500 ml	6	N/A -
702589	21-031-CVR	1 X, without calcium, without magnesium	500 ml	6	N/A -
702576	20-030-CVR	10 X, with calcium with magnesium	500 ml	6	N/A -
702577	20-031-CVR	10 X, without calcium, without magnesium	500 ml	6	N/A -
702586	21-030-CM	1X with calcium with magnesium	1 l	6	N/A -
702588	21-031-CM	1x without calcium, without magnesium	1 l	6	N/A -

DPBS

Cat. No.	Désignation	Ca ²⁺	Mg ²⁺	Vol.	Price
P04-36500	DPBS (1 x)	-	-	500 ml	N/A -
P04-53500	DPBS (10 x)	-	-	500 ml	N/A -
P04-362500	Non-sterile DPBS	-	-	2.5 l	N/A -
P04-35500	DPBS (1 x)	✓	✓	500 ml	N/A -
P04-37500	DPBS (10 x)	✓	✓	500 ml	N/A -

EBSS

Cat. No.	Désignation	Phenol red	Ca ²⁺	Mg ²⁺	NaHCO ₃	Vol.	Price
P04-30500K	EBSS	✓	✓	✓	✓	20 x 500 ml	N/A -
P04-39500K	EBSS	-	✓	✓	-	20 x 500 ml	N/A -
P04-31500K	EBSS	✓	-	-	2.2 g/l	20 x 500 ml	N/A -

10X concentration

P04-47500	EBSS (10 x)	-	-	-	-	500 ml	N/A -
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HEPES 1M

Cat. No.	Désignation	Vol.	Price
P05-01100	Hepes solution, 1 M	100 ml	N/A -
P05-01500	Hepes solution, 1 M	500 ml	N/A -

HBSS

Cat. No.	Description	Phenol red	Ca ²⁺	Mg ²⁺	NaHCO ₃	Vol.	Price
P04-32100	HBBS	✓	✓	✓	0.35 g/l	100 ml	N/A -
P04-32500	HBBS	✓	✓	✓	0.35 g/l	500 ml	N/A -
P04-49100K	HBBS (10x)	✓	✓	✓	-	20 x 100 ml	N/A -
P04-49500K	HBBS (10x)	✓	✓	✓	-	20 x 500 ml	N/A -
P04-32105	HBBS	-	✓	✓	0.35 g/l	100 ml	N/A -
P04-32505	HBBS	-	✓	✓	0.35 g/l	500 ml	N/A -
P04-49105K	HBBS (10x)	-	✓	✓	-	20 x 100 ml	N/A -
P04-49505K	HBBS (10x)	-	✓	✓	-	20 x 500 ml	N/A -
P04-33100	HBBS	✓	-	-	0.35 g/l	100 ml	N/A -
P04-33500	HBBS	✓	-	-	0.35 g/l	500 ml	N/A -
P04-50100	HBBS (10x)	✓	-	-	-	100 ml	N/A -
P04-50500	HBBS (10x)	✓	-	-	-	500 ml	N/A -
P04-34100	HBBS	-	-	-	0.35 g/l	100 ml	N/A -
P04-34500	HBBS	-	-	-	0.35 g/l	500 ml	N/A -
P04-50105K	HBBS (10x)	-	-	-	-	20 x 100 ml	N/A -
P04-50505K	HBBS (10x)	-	-	-	-	20 x 500 ml	N/A -

Other salts

Cat. No.	Désignation	Vol.	Price
P04-44100	Sodium bicarbonate solution, 7.5%	100 ml	N/A -
P04-43100	Sodium pyruvate - 100 mM solution	100 ml	N/A -
P05-39500	Isotonic saline solution	500 ml	N/A -

HYCLONE range - Buffered saline solutions

DPBS

Cat. No.	Ca ²⁺	Mg ²⁺	Vol.	Price
Concentration 1 X				
SH30028.01	-	-	100 ml	N/A -
SH30028.02	-	-	500 ml	N/A -
SH30028.03	-	-	1 l	N/A -
SH30264.01	✓	✓	500 ml	N/A -
SH30264.02	✓	✓	1 l	N/A -

Concentration 10 X

SH30378.02	-	-	500 ml	N/A -
SH30378.03	-	-	1 l	N/A -

EBSS

Cat. No.	Phenol red	Ca ²⁺	Mg ²⁺	Vol.	Price
Concentration 1 X					
SH30029.02	✓	✓	✓	500 ml	N/A -

HEPES 1 M solution

Cat. No.	Volume	Price
SH30237.01	100 ml	N/A -

HBSS

Cat. No.	Phenol red	Ca ²⁺	Mg ²⁺	Vol.	Price
SH30030.02	✓	✓	✓	500 ml	N/A -
SH30031.02	✓	-	-	500 ml	N/A -
SH30031.03	✓	-	-	1000 ml	N/A -
SH30268.01	-	✓	✓	100 ml	N/A -
SH30268.02	-	✓	✓	500 ml	N/A -
SH30588.01	-	-	-	100 ml	N/A -
SH30588.02	-	-	-	500 ml	N/A -

PBS pH 7.2

Without Calcium, without magnesium and without phenol red

Cat. No.	Volume	Price
Concentration 1 X		
SH30256.01	500 ml	N/A -
SH30256.02	1 l	N/A -
Concentration 10 X		
SH30258.01	500 ml	N/A -
SH30258.02	1 l	N/A -

Find the waters for cell culture on page 116



PAN BIOTECH range - Amino acids, vitamins, additives



Amino acids and vitamins

Cat. No.	Désignation	Vol.	Price
P04-80050	L-Glutamine, 200 mM	50 ml	N/A -
P04-80100	L-Glutamine, 200 mM	100 ml	N/A -
P04-80100-1000	L-Glutamine, 200 mM	1000 ml	N/A -
P04-82050	Stabilised glutamine	50 ml	N/A -
P04-82100	Stabilised glutamine	100 ml	N/A -
P08-30100	MEM (50 x), without L-Glutamine	100 ml	N/A -
P08-31100	MEM (50 x), with L-Glutamine	100 ml	N/A -
P08-32100	MEM NEAA (100 x)	100 ml	N/A -
P08-40100	BME vitamin solution	100 ml	N/A -
P08-41100	MEM (100 x), vitamin solution	100 ml	N/A -

Various cell culture reagents

Cat. No.	Désignation	Vol.	Price
P07-02100	Hat additive 50 x	100 ml	N/A -
P07-01100	HT additive 50 x	100 ml	N/A -
P07-03100	ITS solution 100 x	5 ml	N/A -
P07-03110	ITS solution 100 x	10 ml	N/A -
P07-04300	Human Insulin 10 mg/ml	10 ml	N/A -
P07-04200	Recombinant human insulin	100 mg	N/A -
P07-06100MG	Bovine Insulin	100 mg	N/A -
P07-0610MG	Bovine Insulin	10 mg	N/A -
P07-05020	B-mercaptoethanol 50 mm in PBS	20 ml	N/A -
P07-05100	B-mercaptoethanol 50 mm in PBS	100 ml	N/A -
P08-34100	Trypan blue 0.4 %	100 ml	N/A -
P08-02100	Pluronic f-68 10 %	100 ml	N/A -
P07-91010	Colcemide solution 10 µg/ml	10 ml	N/A -

SERA MEDIA

DD range - Amino acids, vitamins, additives



Glutamine

Cat. No.	Désignation	Price
X0550-100	L-Glutamine 100 X, 200 mM - 100 ml	N/A -
X0551-100	Stable Glutamine 100 X, 200 mM - 100 ml	N/A -

Vitamins

Cat. No.	Désignation	Price
X0556-100	MEM vitamins 100X without L-Glutamine - 100 ml	N/A -
X0557-100	MEM non-essential amino acids 100X without L-Glutamine - 100 ml	N/A -

Colcemide

Cat. No.	Désignation	Price
L0040-010	Colcemide 10 µg/ml - 10 ml	N/A -
L0040-020	Colcemide 10 µg/ml - 20 ml	N/A -
L0040-050	Colcemide 10 µg/ml - 50 ml	N/A -

Logos range - Amino acids, vitamins, additives

Erythrosine B

- Red liquid solution
- For viability tests(dye penetrates dead cells)

Cat. No.	Units/box	Price/box
596504	200 tests	N/A -

Corning® Range - Amino acids, vitamins, additives



Glutamine

Cat. No.	Corning Cat. No.	Volume	Units/box	Price/box
702596	25-005-CI	100 ml	6	N/A -
702597	25-005-CV	500 ml	6	N/A -

Glutagro stabilised form of L-glutamine

- No degradation during storage and incubation

Cat. No.	Corning Cat. No.	Volume	Units/box	Price/box
702598	25-015-CI	100 ml	1	N/A -

Non-essential amino acids 100 X MEM

Cat. No.	Corning Cat. No.	Volume	Units/box	Price/box
702603	25-025-CIR	100 ml	6	N/A -

Supplement

- ITS PREMIX stimulates cell proliferation under reduced serum conditions

Cat. No.	Désignation	Vol.	Price
354351	ITS PREMIX universal culture supplement - Lyophilized	5 ml	N/A -
354350	ITS PREMIX universal culture supplement - Lyophilized	20 ml	N/A -
354352	ITS+ PREMIX universal culture supplement - aqueous soil	20 ml	N/A -

Various reagents

Reagent type	Concentration	Cat.No.	Corning Cat. No.	Vol. (ml)	Units/box	Price/box
Glucose	45 %	702606	25-037-CIR	100	1	N/A -
Sodium pyruvate NaCl	100 mM 8.5 g/l	702595	25-000-CIR	100	6	N/A -
Blue Trypan solution	0.4 %	702630	25-900-CI	100	1	N/A -
PBS NaCl K ₂ HPO ₄	8.1 g/l 0.6 g/l					
ITS (Insulin Transferin Selenium)	-	702629	25-800-CR	10	1	N/A -

HYCLONE range - Amino acids, vitamins, additives

Glutamine

Cat. No.	Volume	Units/box	Price/box
SH30034.01	100 ml	1	N/A -
SH30034.02	500 ml	1	N/A -

100 mM sodium pyruvate solution

Cat. No.	Volume	Units/box	Price/box
SH30239.01	100 ml	1	N/A -



PAN BIOTECH range - Antibiotics



OTHER ANTIBIOTICS ON REQUEST:
TIAMULIN 1 mg/ml, ZEOCINE 100 mg/ml



DD range - Antibiotics

Cat. No.	Désignation	Vol.	Price
L0009-050	Amphotericin B	50 ml	N/A -
L0009-100	Amphotericin B	100 ml	N/A -
L0010-020	Antibiotic-Antimycotic 100 X	20 ml	N/A -
L0010-100	Antibiotic-Antimycotic 100 X	100 ml	N/A -
L0011-010	Gentamicin sulphate 10 mg/ml	10 ml	N/A -
L0011-100	Gentamicin sulphate 10 mg/ml	100 ml	N/A -
L0012-010	Gentamicin sulphate 50 mg/ml	10 ml	N/A -
L0012-100	Gentamicin sulphate 50 mg/ml	100 ml	N/A -
P4020-1GR	Gentamicin sulphate	1 g	N/A -
P4020-5GR	Gentamicin sulphate	5 g	N/A -
L0014-100	Glutamine-Penicillin-Streptomycin 100 X	100 ml	N/A -
L0015-020	G-418 (Geneticin) Solution	20 ml	N/A -
L0015-100	G-418 (Geneticin) Solution	100 ml	N/A -
P0017-1GR	G-418 SULFATE	1 g	N/A -
P0017-5GR	G-418 SULFATE	5 g	N/A -
L0018-100	Penicillin-Streptomycin	100 ml	N/A -
L0022-020	Penicillin-Streptomycin solution 100 X	20 ml	N/A -
L0022-100	Penicillin-Streptomycin solution 100 X	100 ml	N/A -
P0018-1MU	Penicillin G sodium salt	1 million units	N/A -
L-X16-010	Nanomycolpultine concentrate 20 x	10 ml	N/A -
L-X16-100	Nanomycolpultine concentrate 20 x	100 ml	N/A -

GR: powder

HYCLONE range - Antibiotics

Cat. No.	Désignation	Vol.	Price
SV30079.01	Antibiotic antimycotic solution 100 X 10000 µl/ml	100 ml	N/A -
SV30078.01	Amphotericin B (fungizone) solution 250 µg/ml	50 ml	N/A -
SV30010	Penicillin/streptomycin solution: penicillin 10000 µl/ml, streptomycin 10000 µg/ml in 0.85 % NaCl	100 ml	N/A -

Antibiotic powder

Cat. No.	Désignation	Vol.	Price
P06-01050P	Amphotericin b (fungizone)	50 mg	N/A -
P06-01100P	Amphotericin b (fungizone)	100 mg	N/A -
P06-01225P	Water-soluble amphotericin b (fungizone)	25 mg	N/A -
P06-080050P	Hygromycin b	50 mg	N/A -
P06-04010P	Kanamycin	10 g	N/A -
P06-08025P	Penicillin g potassium salts	25 g	N/A -
P06-11050P	Streptomycin sulphate	50 g	N/A -

Antibiotics solution

Désignation	20 ml	50 ml	100 ml
Amphotericin B (Fungizone) 250 µg/ml	-	P06-01050	P06-01100
Price	-	N/A -	N/A -
Hygromycin B 50 mg/ml	P06-08020	-	P06-08100
Price	N/A -	-	N/A -
Gentamycin sulphate 10 mg/ml	-	P06-03050	P06-03100
Price	-	N/A -	N/A -
Gentamycin sulphate 50 mg/ml	-	P06-13050	P06-13100
Price	-	N/A -	N/A -
Kanamycin sulphate 5 mg/ml	-	P06-04050	P06-04100
Price	-	N/A -	N/A -
Kanamycin sulphate 10 mg/ml	-	P06-14050	-
Price	-	N/A -	-
Kanamycin sulphate 50 mg/ml	-	P06-15050	P06-15100
Price	-	N/A -	N/A -
Minocycline 0.5 mg/ml	-	P06-05050	P06-05100
Price	-	N/A -	N/A -
Neomycin sulphate 10 mg/ml	-	P06-06050	P06-06100
Price	-	N/A -	N/A -
Nystatin Solution 10 000 U/ml	-	-	P06-07800
Price	-	-	N/A -
Penicillin/streptomycin 10 000 U/10 mg/ml	-	P06-07050	P06-07100
Price	-	N/A -	N/A -
Penicillin/streptomycin/fungizone 10 000 U/10 ml/ 25 µg	-	P06-07350	P06-07300
Price	-	N/A -	N/A -



Corning® Range - Antibiotics

Reagent type	Concentration	Cat.No.	Corning Cat. No.	Vol.	Units/box	Price/box
Amphotericin B solution	250 µg/ml	702634	30-003-CF	50 ml	6	N/A -
<i>Atb combined 8.5g/L NaCl:</i>						
Penicillin	10000 µl/ml	702635	30-004-CI	100 ml	6	N/A -
Streptomycin	10000 µg/ml					
Amphotericin	25 µg/ml					
Blasticidin S HCl	-	702639	30-100-RB	50 ml	5	N/A -
G418 Sulphate	50 mg/ml	702641	30-234-CR	20 ml	1	N/A -
G418 Sulphate	50 mg/ml	702640	30-234-CI	100 ml	1	N/A -
Gentamicin sulphate	50 mg/ml	702636	30-005-CR	10 ml	1	N/A -
Hygromycin B	50 mg/ml	702642	30-240-CR	20 ml	1	N/A -
<i>Solution 50 x:</i>						
Penicillin	5000 µl/ml	702632	30-001-CI	100 ml	6	N/A -
Streptomycin	5000 µg/ml					
<i>Solution 100 x:</i>						
Penicillin	10000 µl/ml	702633	30-002-CI	100 ml	6	N/A -
Streptomycin	10000 µg/ml					
<i>Solution 100 x:</i>						
Penicillin	10000 µl/ml	702638	30-009-CI	100 ml	6	N/A -
Streptomycin	10000 µg/ml					
L-Glutamine	29.2 mg/ml					
Puromycin dihydrochlorin	Powder	702747	61-385-RA	0.1 g	-	N/A -

Cell dissociation

DD Range



PAN BIOTECH range



Trypsin without calcium without magnesium - solution

Cat. No.	Désignation	Phenol red	Vol. (ml)	Price
L0909-100	Trypsin 0.25% in PBS	✓	100	N/A -
L0910-100	Trypsin 0.25 % in PBS		100	N/A -
L0930-100	Trypsin-EDTA 1X in PBS	✓	100	N/A -
L0930-500	Trypsin-EDTA 1X in PBS	✓	500	N/A -
L0931-100	Trypsin 0.25% - EDTA in HBSS	✓	100	N/A -
L0932-100	Trypsin 0.25% - EDTA 0.02 % in HBSS	✓	100	N/A -
X0915-100	Trypsin 2.5% in PBS		100	N/A -
L0940-100	Trypsin-EDTA 1X in PBS		100	N/A -
X0930-100	Trypsin -EDTA 10X		100	N/A -
X0920-100	Trypsin 2.5% in HBSS		100	N/A -

Trypsin - powder

Cat. No.	Désignation	Weight	Price
P5957-100GR	Trypsin 1:250 powder (porcine)	100 g	N/A -

Versene

Cat. No.	Désignation	Price
L0630-100	Versene - 100 ml	N/A -

Accutase

- Alternative to trypsin
- Detachment and dissociation of adherent cells, without mammalian compounds

Cat. No.	Volume	Storage temperature	Price
L0950-100	100 ml	-20 °C	N/A -



All our trypsin are available in 500 ml

Accumax

- Ready to use, more concentrated
- Dissociation of spheroids to obtain a cell suspension from aggregates for accurate cell counting
- Trypsin replacement
- Anti-agglutination agent for cell culture
- Flow Cytometry
- Fluorescence activated cell sorting (FACS)
- Composition: Accutase enzymes (activity > 1200-2000 U/ml) in DPBS without Ca/Mg with 0.5 mM EDTA

Cat. No.	Volume	Price
P10-21200	100 ml	N/A -
P10-21250	500 ml	N/A -



Trypsine

Cat. No.	Désignation	Ca ²⁺	Mg ²⁺	Phenol red	Vol.	Price
P10-021100	Trypsin (1x) 0.25 % PBS	Without	Without	-	100 ml	N/A -
P10-022100	Trypsin 2.5 % (10 x) PBS	Without	Without	-	100 ml	N/A -
P10-020100	Trypsin 0.25 % EDTA 0.02 % PBS	Without	Without	-	100 ml	N/A -
P10-019100	Trypsin 0.25 % EDTA 0.02 % PBS	Without	Without	With	100 ml	N/A -
P10-023100	Trypsin 0.05 % EDTA 0.02 %PBS	Without	Without	-	100 ml	N/A -
P10-023100SP	Trypsin 0.05 % EDTA 0.02 %PBS	Without	Without	With	100 ml	N/A -
P10-024100	Trypsin 0.5 % EDTA 0.2 % PBS	Without	Without	-	100 ml	N/A -
P10-027100	Trypsin 0.05 % EDTA (10 x) 0.1 % PBS	Without	Without	-	100 ml	N/A -
P10-028100	Trypsin / EDTA PBS 0.25 % Trypsin 1 mM EDTA 4 Na	-	-	-	100 ml	N/A -
P10-040100	Trypsin 0.05 % EDTA 0.02 % x 4 Na, HBSS	-	-	With	100 ml	N/A -
P10-100100	Trypsin special solution ES cells	-	-	-	100 ml	N/A -
Powder						
P10-025100P	Trypsin powder (porcine origin) 1:250				100 g	N/A -
P10-041500	Trypsin powder Rec. Hum. EDTA 0.2 %				500 g	N/A -

Cat. No.	Désignation	Vol.	Price
LS0002100	Purified Dispase neutral proteases	10 mg	N/A -
P10-033100	Trypsin inhibitor 1 mg/ml	100 ml	N/A -

Accutase

- Ready to use
- Mild solution for cell detachment
- Without neutralisation
- Low risk of contamination

➤ Accutase enzymes (activity > 500 U/ml) in DPBS without Ca/Mg with 0.5 mM EDTA and phenol red

Cat. No.	Volume	Price
P10-21100	100 ml	N/A -

➤ Accutase applications

- For membrane receptors and/or cytometry
- For cells that have difficulty growing or re-culturing sensitive cells
- Avoids loss and damage caused by trypsination

HYCLONE range - Cell dissociation

Cat. No.	Désignation	Volume (ml)	Price
Trypsin without calcium, without magnesium, in HBSS			
SH30042.01	Trypsin, 0.25 % 1X with 0.2 g/l EDTA	100	N/A -
SH30042.02	Trypsin, 0.25 % 1X with 0.2 g/l EDTA	500	N/A -
SH30236.01	Trypsin, 0.05 % 1X with 0.2 g/l EDTA	100	N/A -
SH30236.02	Trypsin, 0.05 % 1X with 0.2 g/l EDTA,	500	N/A -
SV30031.01	Trypsin 0.25 % 1X Solution, with 0.1 % EDTA	100	N/A -
SV30037.01	Trypsin 2.5% 10X Solution, without EDTA, without Phenol Red	100	N/A -

CORNING

Corning® Range - Cell dissociation

Trypsin

Reagent type	Concentration	Cat.No.	Corning Cat. No.	Vol. (ml)	Units/box	Price/box
HBSS buffer without Calcium and magnesium Tested without porcine parvovirus	0.25 %	702609	25-050-Cl	100	6	N/A -
EDTA HBSS Buffer without calcium and magnesium Tested without porcine parvovirus	0.05 % 0.53 mM	702610	25-051-Cl	100	6	N/A -
EDTA HBSS Buffer	0.05 % 0.53 mM	702611	25-052-Cl	100	6	N/A -
EDTA HBSS Buffer	0.25 % 2.21 mM	702613	25-053-Cl	100	6	N/A -

Cell dissociation agent - Cellstripper

- > Non-enzymatic dissociation
- > Soft disassociation
- > Mixture of chelators

Cat. No.	Désignation	Corning Cat. No.	Volume (ml)	Units/box	Price/box
702622	Liquid cellstripper	25-056-C	100	6	N/A -

Accutase - cell detachment solution

- > Ready to use
- > Applications
- > For membrane receptors or cytometry
- > For cells that have difficulty growing or re-culturing sensitive cells
- > Avoids loss and damage caused by trypsinisation

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	Units/box	Price/box
702762	25-058-Cl	Accutase - Solution in DPBS	100	1	N/A -

Cryoconservation

Bambanker freezing medium



Cell freezing medium, ready to use without SVF, with or without DMSO. Fast and long-term freezing at - 80 °C and product storage for 2 years at + 4 °C.

- > 4 versions:
- > **Standard:** for sensitive cells such as embryonic stem cells and primary cells
- > **Direct:** no centrifugation required, suitable for hybridomas and HTP
- > **HRM:** contains human serum albumin, no animal compounds, for research purposes only
- > **DMSO-free:** for DMSO-sensitive cell lines, ready to use without dilution, direct freezing at -80 °C

Volume (ml)	120	20	20	10
Units/box	1	5	1	1
Standard version	523302	523303	523304	523305
Price	N/A -	N/A -	N/A -	N/A -
Direct version	-	-	523306	523307
Price	-	-	N/A -	N/A -
HMR version	-	-	523308	523309
Price	-	-	N/A -	N/A -
DMSO-free version	-	-	523374	-
Price	-	-	N/A -	-

PAN BIOTECH

PAN BIOTECH range

CRYOPAN

Cryopreservation medium. Without SVF ready to use.

Cat. No.	Désignation	Volume	Storage T°	Price
P07-92010	CRYOPAN	10 ml	- 20° C	N/A -
P07-92050	CRYOPAN	50 ml	- 20° C	N/A -

DMSO

Cat. No.	Désignation	Vol.	Price
P60-36720100	DMSO	100 ml	N/A -

FREEZING freezing medium. Based on DMEM supplemented with SVF + DMSO. Facilitates cell survival during and after freezing, and allows a high growth rate after freezing.

Cat. No.	Désignation	Volume	Storage T°	Price
P07-90050	FREEZING	50 ml	- 20° C	N/A -

CORNING

Corning® Range

DMSO

Endotoxin levels < 0.1 EU/ml

Cat. No.	Corning Cat. No.	Vol.	Price
702631	25-950CQC	250 ml	N/A -

HYCLONE range

- > Cryopreservation medium for cells (HYCRYO) or stem cells (HYCRYO-STEM)
- > Serum free, contains DMSO
- > Chemically defined
- > Reduces osmotic shock during freezing
- > Stem cells frozen with Hy-Cryo-STEM medium show better viability after thawing than cells frozen with growth medium and 10% DMSO

Cat. No.	Désignation	Price
SR30001.02	Hycryo, 100 ml	N/A -
SR30002.02	Hycryo-stem, 100 ml	N/A -

Corning® Range - Growth Factors

- > 0.2 µm filter
- > Tested negative for bacteria, yeast and mycoplasma

Corning® epidermal growth factor (EGF) cell culture grade

- > Male mouse origin
- > Lyophilised in ammonium acetate

Cat. No.	Quantity	Price
354001	100 µg	N/A -

Corning® epidermal growth factor (EGF) Human recombinant

- > Human recombinant
- > Lyophilized in acetic acid

Cat. No.	Quantity	Price
354052	100 µg	N/A -

Corning® endothelial growth supplement (ECGS)

- > Lyophilized in NaCl
- > Bovine brain origin

Cat. No.	Quantity	Price
354006	15 mg	N/A -
356006	100 mg	N/A -

Corning® fibroblast growth factor (bFGF)

- > Frozen solution
 - > Human recombinant
- | Cat. No. | Quantity | Price |
|----------|----------|-------|
| 354060 | 10 µg | N/A - |

Corning® mito + serum extender

- > Defined formulation of hormones, growth factors (EGF and FGF)
- > Can be used for a wide variety of cells in serum-free or reduced serum conditions

Cat. No.	Quantity	Price
355006	5 ml	N/A -

Corning® bovine pituitary extract (BPE)

- > For epithelial and endothelial cells
- > Contains growth factors (FGF) and hormones
- > Lyophilized in NaCl

Cat. No.	Quantity	Price
354123	15 mg	N/A -

Interleukins

- > Corning® IL-2 human recombinant
- > Frozen product
- > Endotoxin Tested (LAL assay)

Cat. No.	Quantity	Price
354043	BRPM 10000 units	N/A -

OTHER INTERLEUKINS AND GROWTH FACTORS ON REQUEST

Cell proliferation

Cell proliferation - XTT kit



Kit for the quantification of cell proliferation and viability, without the use of radioactive isotopes.

Reduction of XTT by cell mitochondria, appearance of an orange colour.

> Benefits

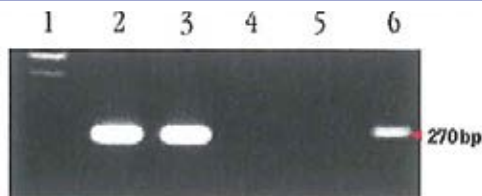
- > Easy to use
- > Fast: 1 step, results between 2 and 5 hours
- > Accuracy: staining intensity proportional to the amount of viable cells
- > Safety: no use of radio isotopes
- > Equipment required: Elisa plate reader

Cat. No.	Désignation	Units/box	Price/box
672757	Cell Proliferation kit XTT	1000 tests	N/A -



Mycoplasma detection

PCR Mycoplasma Test Kit

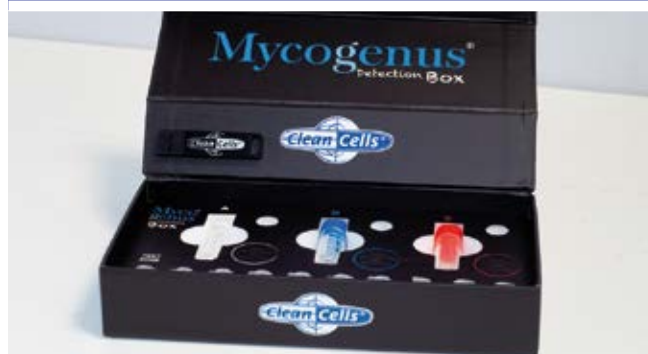


Possible band patterns (agarose gel electrophoresis)

1. ADM marker
2. Positive control
3. Positive control
4. Negative control (water)
5. Negative control (buffer only)
6. Positive sample

Kit components	Reaction mix (dNTP, PCR primers, DNA polymerase) Buffer solutions Positive template control
Taq DNA polymerase	Included
Presentation	Master mix ready to use, liquid
Type of shipment	Refrigerated
Cat. No.	670920
Units/box	20 kits
Price/box	N/A -

PCR Mycoplasma Test Kit



Mycogenus kit for mycoplasma detection in biological samples of animal or human origin, detection by quantitative PCR.

- > Developed with SYBR technology
- > Rapid and highly sensitive detection of mycoplasma
- > According to the European Pharmacopoeia and the ICH

Cat. No.	Volume	Price
111721	25 reactions	N/A -
111722	50 reactions	N/A -

Mycoplasma detection

DAPI method

- Binds to DNA
- Excitation 365 nm
- Bright blue fluorescence 450 - 490 nm
- Fluorescent microscopy, flow cytometry



For biochemistry

Cat. No.	Volume (mg)	Price
672754	10	N/A -

Mycoplasma - prevention

Incubator disinfectant

- Biodegradable and non-toxic
- Non-corrosive to aluminium, thin iron film, chrome, nickel, stainless steel, copper
- Does not contain mercury, formaldehyde, phenol or alcohol



Cat. No.	Désignation	Volume	Price
670931	Incubator Clean™	Spray 500 ml	N/A -

Disinfectant for CO₂ incubator water tank

- Non-toxic, non-volatile
- Non-corrosive to stainless steel
- 100X concentrated solution

Cat. No.	Désignation	Volume	Price
670934	Incuwater-Clean™	100 ml	N/A -

Mycoplasma qPCR test kit

Kit components	PCR primer, dNTP, buffer solution, PCR grade water, positive template control, inter-DNA control
Taq DNA polymerase	Included
Presentation	Separate powder component
Storage and shipping	2 - 8 °C
Cat. No.	348729
Units/box	25 tests*
Price/box	N/A -

* Available in 50 and 100 tests.

MYCOKIT BOX

- Mycoplasma PCR and electrophoresis detection
- Ready to use
- Sensitive and specific detection
- Product shelf life 36 months

Cat. No.	Volume	Price
K1000	20 tests	N/A -

Mycoplasma - prevention

Biogard S



- Surface disinfectant
- Compatible with all types of surfaces
- Free of Alcohol, phenol and formaldehyde
- Non-toxic and biodegradable

Cat.No.	Désignation	Vol.	Price
500176	Biogard S Surface disinfectant spray	1 l	N/A -

Biogard A disinfectant for CO₂ incubator water tank



- Non-toxic, non-volatile
- Compatible with stainless steel

Cat.No.	Désignation	Vol.	Price
500177	Biogard A disinfectant for waterbaths and CO ₂ incubators	100 ml	N/A -

Mycoplasma - Treatment

Mycorase solution

- Does not affect cell proliferation
- Easy to use
- Antibiotic solution 50 x



Cat. No.	Volume	Price
Po6-02100	100 ml	N/A -

Nanomycolipitine concentrate 20 x



Cat. No.	Désignation	Volume	Price
L-X16-010	Nanomycolipitine Concentration 20 X	10 ml	N/A -
L-X16-100	Nanomycolipitine Concentration 20 X	100 ml	N/A -

- For the cell lines treatment, including stem cells (ES Cells)
- Both types of antibiotic agents are used, in combination or one after the other
- Storage -20 °C
- Supplied with 2 sterile flasks of 100X concentrated solution:
 - Myco-1 (A5222): based on Tiamulin Antibiotic extracted from Pleurotus Mutilus
 - Myco-2 (A5233): based on Minocycline

Myco set

Cat. No.	Désignation	Units/box	Price/box
670936	Myco antibiotic set 1 and 2	2 x 10 ml	N/A -

Specific media



AMNIOPAN

Prenatal cytotegenetic medium. For culture of human fetal cells from amniotic fluid or cord biopsy. Ready to use.

Cat. No.	Désignation	Volume	Storage T°	Price
P04-70100	AMNIOPAN	100 ml	- 20° C	N/A -

NB: in 500 ml on request

ENDOPAN 3: endothelial cell culture medium

Cat. No.	Désignation	Volume	Storage T°	Price
P04-00100	ENDOPAN 3 ready to use	500 ml	+ 2 °C + 8 °C	N/A -
P04-0010K	ENDOPAN3 KIT with 9 additives	500 ml	+ 2 °C + 8 °C	N/A -

ENDOPAN MV: culture medium for microvascular endothelial cells

Cat. No.	Désignation	Volume	Storage T°	Price
P04-00200	ENDOPAN MV Ready to use - 500 ml	500 ml	+ 2 °C + 8 °C	N/A -
P04-0020K	ENDOPAN MV kit with 8 additives - 500 ml	500 ml	+ 2 °C + 8 °C	N/A -

EMEM: medium for fibroblasts

Supplemented with vitamins and amino acids.

Cat. No.	Désignation	Volume	Storage T°	Price
P04-08049	EMEM	500 ml	+ 4 °C	N/A -

MARROWPAN

For bone marrow and haematopoietic cells. For cytogenetic studies.

Cat. No.	Désignation	Volume	Storage T°	Price
P04-70200	MARROWPAN	100 ml	- 20° C	N/A -

NEUROPAN BASAL For neuronal cells.

Cat. No.	Désignation	Volume	Storage T°	Price
P04-00900	NEUROPAN BASAL basic medium	500 ml	+ 4 °C	N/A -
P07-07010	NEUROPAN 27 additive 20 X	10 ml	- 20° C	N/A -
P07-07200	NEUROPAN 27 additive 50 X	100 ml	- 20° C	N/A -
P07-07210	NEUROPAN 27 additive 50 X	10 ml	- 20° C	N/A -
P07-11010	NEUROPAN 2 additive 100 X	10 ml	- 20° C	N/A -

PANTUM 386

> Defined medium for epithelial cells

> Ready to use

Cat. No.	Désignation	Volume	Storage T°	Price
P04-00386*	PANTUM 386	500 ml	- 20 °C	N/A -

PANTUM 586A

> Defined medium for adherent cells

Cat. No.	Désignation	Volume	Storage T°	Price
P04-00586*	PANTUM 586	500 ml	- 20 °C	N/A -

PANTUM L24

> Defined medium for lymphocytes

Cat. No.	Désignation	Volume	Storage T°	Price
P04-00024*	PANTUM L24	500 ml	- 20 °C	N/A -

PANTUM T64

> Defined medium for tumour cells

Cat. No.	Désignation	Volume	Storage T°	Price
P04-00064	PANTUM T64	500 ml	- 20 °C	N/A -

*Cat. No. on request

PAN BIOTECH range - Serum substitutes



PANEXIN

High quality serum substitute, which allows the adherent and non-adherent cells culture. Easy-to-use, ready-to-use alternative to fetal calf serum, without prior quality testing. Used at a final concentration of 5% (equivalent to 10% SVF). As the effect on cell growth is not

concentration-dependent, it is recommended that tests be carried out at concentrations between 2 and 8% for each cell type.

- > Delivered frozen at - 20 °C
- > Avoid refreezing
- > Keeps for at least 4 weeks after defrosting at 4 °C
- > Expiry date: 24 months

PANEXIN

- > Chemically defined serum substitutes
- > Based on an innovative and unique technology: a three-dimensional substance (3D-SRS) that provides nutritional support and growth stimulation for a large number of adherent and non-adherent cells

Désignation	100 ml		500 ml	
	Cat. No.	Price	Cat. No.	Price
PANEXIN NTA, for adherent cells.	P04-95700	N/A -	P04-95750	N/A -
PANEXIN NTS, for non-adherent cells	P04-95800	N/A -	P04-95850	N/A -

Product	Key Feature	Animal components
Fetal Bovine Serum	For a variety of cell lines	100 %
Panexin Basic	Versatile and affordable	< 2 %
Panexin NTA	Optimized for adherent cells	< 2 %
Panexin CD	Chemically defined	0 %

PANEXIN BASIC

No more serum tests!
Replaces serum in your culture media.

- > For adherent and suspension cell cultures
- > Saving time and money
- > Defined composition
- > Reproducible performance

Désignation	500 ml	
	Cat. No.	Price
PANEXIN BASIC	P04-96950	N/A -



Order your free test kit now!
Cat. No. P04-96090KECH

PANEXIN CD

- > Replacement or reduction of the amount of serum in the culture medium: between 1 - 2.5% SVF
- > For adherent or suspended cells
- > Contains only chemically defined compounds
- > Recombinant proteins, lipids, amino acids, hormones, trace elements
- > Does not contain growth factors

Désignation	100 ml	
	Cat. No.	Price
PANEXIN CD	P04-93100	N/A -

HIMEDIA

HiMedia range - LoSera™ medium

- Formulated on the basis of classic media supplemented with insulin, transferrin and other nutrients
- Reduces by 50 % et 90 % the amount of serum in your cultures
- No adaptation or weaning required
- For adherent or suspension cell lines
- Prevents fibroblast proliferation in primary cultures

Type of environment		L-Glutamine	Sodium pyruvate	Phenol red	Glucose	Sodium bicarbonate	Earle's Salt	NEAA	Cat.No.	Vol. (ml)	Price
Low sera											
DMEM	Stable	+	+	+	+				490741	500	N/A -
DMEM	-	+	+	+	+				490744	500	N/A -
DMEM-F12 mix (1:1)	-	+	+	+	+				490719	500	N/A -
EMEM	+					+	+	+	490742	500	N/A -
EMEM	-	-	+	+	+	+	+	+	490745	500	N/A -
EMEM	Stable	-	+	+	+	+	+	+	490746	500	N/A -
RPMI 1640	-	-	+	+	+				490743	500	N/A -
RPMI 1640	Stable	-	+	+	+				490747	500	N/A -

CORNING

Corning® range - Reduced serum medium

- For a wide variety of human and animal cells
- Growth medium with low protein content
- Endotoxin tested
- HepG2, Cos, HeLa, Osteoblast, primary chondrocyte
- For protein purification, virus production, screening, antibody production

TRANSFECTAGRO™

- Transfection medium
- Chemically defined
- Maximum growth for a wide range of cells

Cat. No.	Corning Cat. No.	Volume	Price
702667	40-300-CVR	6 x 500 ml	N/A -

NU-SERUM

Contains 25% of newborn serum, EGF, ECGS, insulin.

Cat. No.	Volume	Price
355100	100 ml	N/A -
355500	500 ml	N/A -

NU-SERUM IV

Contains 25% of serum SVF, EGF, ECGS, insulin.

Cat. No.	Volume	Price
355104	100 ml	N/A -
355504	500 ml	N/A -

HYCLONE range - Reduced serum medium

Alternative to DMEM and basic MEM to reduce the amount of serum in the cultures.

Recommended serum concentration between 2% and 4%.

Cat. No.	Désignation	Volume	Price
SH30564.01	MEM-RS	500 ml	N/A -
SH30565.01	DMEM-RS	500 ml	N/A -

SCHNEIDER Drosophila medium (S2)

Cat. No.	L-Glutamine	NaHCO ₃	Vol.	Price
Solution				
P04-90500	Without	0.40 g/l	500 ml	N/A -
P04-91500	With	0.40 g/l	500 ml	N/A -
Powder				
P03-9310	Without	Without	10 l	N/A -

TC 100 Medium

Cat. No.	L-Glutamine	NaHCO ₃	Vol.	Price
P04-93500	Without	0.40 g/l	500 ml	N/A -
P04-92500	With	0.40 g/l	500 ml	N/A -

Also available in powder: contact us

TNM-FH environment

Cat. No.	L-Glutamine	Lactalbumin-Hydrolysate	Yeast extract	NaHCO ₃	Vol.	Price
Solution						
P04-80500	With	With	With	0.35 g/l	500 ml	N/A -

GRACE medium (SF9/SF21)

Cat. No.	L-Glutamine	NaHCO ₃	Vol.	Price
Solution				
P04-81500	Without	0.35 g/l	500 ml	N/A -
P04-08509	Without	2.2 g/l	500 ml	N/A -
P04-82500	With	0.35 g/l	500 ml	N/A -
Powder				
P03-9010	Without	-	10 l	N/A -

SPODOPAN: serum-free, protein-free medium for SF9 and SF21 cells

► For the production of recombinant proteins

Cat. No.	Volume	Price
P04-850100	100 ml	N/A -
P04-850500	500 ml	N/A -

PANSERIN S2: protein-free, for Drosophila S2 cells in suspension, serum-free, no animal or human components

Cat. No.	Volume	Price
P04-710200	500 ml	N/A -
P04-710210	100 ml	N/A -



Insectagro SF9

- Serum-free, protein-free
- With L-glutamine
- Also for SF21
- Manufacturing c GMP

Cat. No.	Corning Cat. No.	Volume	Price
702543	13-410-CV	6 x 500 ml	N/A -

Insectagro DS2

- Serum-free, protein-free

Cat. No.	Corning Cat. No.	Volume	Price
702542	13-402-CV	6 x 500 ml	N/A -

DD range - Schneider Drosophila medium

DD range Schneider Drosophila medium.



Cat. No.	Volume	Price
Lo207-500	500 ml	N/A -

HYCLONE range - Insect media

For SF9 SF21, HIGH FIVE™, cGMP

Cat. No.	Désignation	Volume	Price
SH30913.02	SFM ₄ insect with L-glutamine, serum free, animal compound free (ADCF)	1 l	N/A -
SH30278.02	SFX insect, protein free, for recombinant protein production	1 l	N/A -





DD Range - Water

Sterile, filtered, non-pyrogenic cell culture water.

Cat. No.	Volume (ml)	Price
L0970-100	100	N/A -
L0970-500	500	N/A -
L0970-1000	1000	N/A -



PAN BIOTECH range - Water

Sterile water for cell culture.

Cat. No.	Volume (ml)	Price
P04-991500	500 ml	N/A -
P04-991000	1 l	N/A -
P04-992000	20 l	N/A -

CORNING

Corning® Range - Water



WFI quality Water (water for injection) USP specifications. cGMP and mycoplasma test.

Cat. No.	Corning Cat. No.	Volume	Units/box	Price/box
702615	25-055-CI	100 ml	6	N/A -
702617	25-055-CV	500 ml	6	N/A -
702618*	25-055-CVC	500 ml	6	N/A -
702616	25-055-CM	1 l	6	N/A -
702619	25-055-LB	20 l	1	N/A -

* With septum cap.

HYCLONE range - Water



Water for cell culture - Endotoxin free (< 0.005 EU/ml)

> Deionized > Sterile (filtered at 0.1 µm) > cGMP

Cat. No.	Volume (ml)	Units/box	Price/box
SH30529.01	100	1	N/A -
SH30529.02	500	1	N/A -
SH30529.FS	500	6	N/A -
SH30529.03	1000	1	N/A -

Water for cell culture - WFI quality*

> USP specifications, and EU pharmacopoeia no diagnostic or therapeutic use

Cat. No.	Volume	Units/box	Price/box
SH30221.LS	1 l	6	N/A -
SH30221.10	1 l	1	N/A -
CH30154.11	20 l	1	N/A -
SH30221.17	500 ml	1	N/A -
SH30221.18	100 ml	1	N/A -

* For research purposes only.

Pure water



- > Apyrogenic
- > Purified, osmosed, demineralised water
- > Resistivity > 0.5 MΩ.cm
- > Compliant with current European Pharmacopoeia - Purified water monograph in container
- > Compliant with current US Pharmacopoeia - "Purified water" monograph
- > Complies with the NF ISO3696 type 3 standard
- > Bacteriological quality < 10UFC/100 ml
- > Analysis bulletin on request
- > Applications: rinsing of medical-surgical equipment during disinfection protocols that do not require sterile water, final rinsing of laboratory instruments, cleaning in clean rooms, automaton solutions preparation, buffer solutions production

Cat.No.	Désignation	Price
069811B	Purified water 10 l non-sterile	N/A -

Accessoire

Cat.No.	Désignation	Packaging unit	Price
069822	Cap with tap for 10 litre canister	1	N/A -

Ecotainer Sterile water

► **Bottle with cap fitted with a polypropylene safety ring and "non-drip" neck**

Cat. No.	Désignation	Vol. (ml)	Price
069800BB	Ecotainer Sterile water	250	N/A -



Volvic water



Cat. No.	Désignation	Price
067507	Volvic water - Pack of 6 x 1.5 l	N/A -

Distilled non-pyrogenic Sterile water

► OTEC ranges

► Compliance and Standards

OTEC Aguetant waters have MPUP status (raw material for pharmaceutical use except for injectable, ophthalmic and inhaled products). Complies with the NF EN ISO 3696 type 3 standard. Monograph "purified water in containers" European Pharmacopoeia.

New Monographie « sterile purified water » US Pharmacopoeia (except 10 litre non-sterile canister)

Uses

Rinsing of equipment and instruments, cleaning of clean rooms, automats washing solutions preparation, buffer solutions production, raw materials for the manufacture of medicines

As it is not a DM, the OTEC range cannot be used in the hospital sector, rinsing and irrigating wounds.

► VERSOL ranges

Compliance and Standards

VERSOL apyrogenic sterile water is a P.P.I. quality water and complies with the corresponding monographs of the European Pharmacopoeia in force. Class IIa DM (sterile) and certified ISO 9001 and NF EN ISO 13485.

Uses

These bottles are used for wound rinsing and are sterile for single use. Not to be used for injections.

Documents provided on request
(analysis bulletin)



Cat.No.	Désignation	Pack. unit	Price
069800	Sterile water, non-pyrogenic Versol P.P.I DM 250 ml	1	N/A -
069801	Otec non-pyrogenic Sterile Water 500 ml	1	N/A -
069802	Otec non-pyrogenic sterile water 1 l (on pallet)	550	N/A -
069802A	Otec non-pyrogenic sterile water 1 l	1	N/A -
069805	Non-pyrogenic Sterile water, 5 l canister, overpack (in pallets)	75	N/A -
069805A	Non-pyrogenic Sterile water, 5 l canister, overpack	1	N/A -
069815	Miniversol Sterile Water 45 ml	24	N/A -

Miniversol Sterile 0.9% Sodium Chloride

Composition: Non pyrogenic 0.9% NaCl.

Packaging: Sodium chloride 0.9% sterile miniversol for rinsing and Irrigation is available in volumes of 45 ml to 1 litre.

The batch number and expiry date are indicated on the labels of the bottles. Guarantee of more than one year.

Indications and recommended uses: physiological solution for rinsing, irrigation of the skin, wounds and surgical cavities and general laboratory use. Use as raw material for the manufacture of non-injectable medicines, culture media, etc.

Documents supplied on request: certificate of compliance with the monograph "purified water in containers" of the European Pharmacopoeia in force, and with standard Iso 3696 type 3.

Cat.No.	Désignation	Pack. unit	Price
069808	Sodium chloride 0.9% sterile miniversol 45 ml	1	N/A -
069818	Sodium chloride 0.9% sterile miniversol 250 ml	1	N/A -
069810	Sodium chloride 0.9% sterile miniversol 1 litre	1	N/A -
069817B	Sodium chloride 0.9% Otec sterile non-pyrogenic 500 ml	20	N/A -



HYCLONE range - CELL BOOST

- Chemically defined, no animal compounds, protein-free
- Contains nutrients: amino acids, vitamins, lipids, cholesterol, glucose, growth factors
- Each cell boost is a different mixture of the above components
- Improves cell yield and growth

	Amino acids	Vitamins	Glucose	Trace elements	Growth factors	Hypoxanthine/thymidine	ADCF* lipids	ADCF* cholesterol	Suitable for	Code number
HyClone Cell Boost 1 Supplement (R05.2)	•	•	•						HEK293 CHO	SH30584
HyClone Cell Boost 2 Supplement (R15A)	•		•						PER.C6 CHO	SH30596
HyClone Cell Boost 3 Supplement (R93.5)	•	•	•	•		•			Hybridoma Myeloma	SH30825
HyClone Cell Boost 4 Supplement (PS307)	•	•	•	•	•		•	•	CHO	SH30857
HyClone Cell Boost 5 Supplement (CN-1)	•	•	•	•	•	•	•	•	Hybridoma NSO HEK293 CHO	SH30865
HyClone Cell Boost 6 Supplement (CN-1)	•	•	•	•	•	•	•	•	T-Cells Hybridoma NSO HEK293 CHO	SH30866
HyClone LS250 Supplement							•	•	NSO	SH30554
HyClone LS1000 Supplement								•	NSO	SH30555

* Animal-derived component-free

Cat. No.	Désignation	Units/box	Price/box
SH30584.02	Cell Boost 1 (glucose, amino acid, vitamins)	100 g	N/A -
SH30596.01	Cell Boost 2 (amino acid and glucose)	100 g	N/A -
SH30825.01	Cell Boost 3 (glucose, amino acids, vitamins and trace elements)	100 g	N/A -
SH30857.01	Cell Boost 4 (amino acids, glucose, vitamins, trace elements and growth factors)	100 g	N/A -
SH30865.01	Cell Boost 5 (lipids, amino acids, vitamins and growth factors)	100 g	N/A -
SH30866.01	Cell Boost 6 with L-glutamine (fat, amino acids, vitamins, and growth factors)	100 g	N/A -

HYCLONE range - Serum-free media

SFM₄CHO

Medium without serum and without protein.

- Optimises the growth and cell density of CHO cells
- Versatility and consistent performance in both flask and bioreactor

Cat. No.	Vol.	Price
With L-glutamine		
SH30549.02	1 l	N/A -
Without L-glutamine		
SH30548.02	1 l	N/A -

CDM₄CHO and HYCELL CHO

- Chemically defined medium, without animal compounds (ADCF) and without phenol red
- For the production of recombinant antibodies

Cat. No.	Vol.	Price
CDM₄CHO with L glutamine		
SH30557.02	1 l	N/A -
CDM₄CHO without L glutamine		
SH30558.02	1 l	N/A -
HYCELL CHO without L glutamine with poloxamer 188 (production)		
SH30934.01	1 l	N/A -

Transfection media SFM₄ Trans FX and HyCell Trans FX

- Developed for stable transfection, transfection of lentiviral and adenoviral constructs and virus production

➤ cGMP

Cat. No.	Désignation	Vol.	Price
SH30860.02	SFM ₄ TransFX 293	1 l	N/A -

SFM₄MAB

- Medium for the production of antibodies and recombinant antibodies (Mab) using different myeloma and hybridoma lines with low protein content, ideal for the purification of A and G proteins

Cat. No.	Vol.	Price
With L-glutamine		
SH30543.02	1 l	N/A -

SFM₄HEK293

- Optimises growth for HEK293 cells and promotes adenovirus and recombinant protein production
- Protein-free medium, no animal compounds
- With poloxamer 188, without phenol red

Cat. No.	Désignation	Vol.	Price
SH30521.02	SFM ₄ HEK293 with L glutamine	1 l	N/A -

CDM₄HEK293

- Chemically defined medium, free of animal compounds (ADCF)

Cat. No.	Désignation	Vol.	Price
SH30858.02	CDM ₄ HEK293 with L glutamine	1 l	N/A -

- Developed for transient transfection and recombinant protein production, ADCF

Cat. No.	Désignation	Vol.	Price
SH30941.02	HyCell TransFX-C	1 l	N/A -
SH30939.02	HyCell TransFX-H	1 l	N/A -



PAN BIOTECH range - PANSERIN - Multipurpose media without serum

PANSERIN is a complete, serum-free, ready-to-use medium suitable for mammalian cell culture. PANSERIN allows the growth of a large number of cell types without the use of additives.

- **Alternative to bovine media and serum**
- **Ready to use, easy to operate**
- **Sufficient source for feeding most cells**
- **Time and cell materials saving**

- **Very good batch-to-batch reproducibility**
- **Isolation and purification of cell cultures facilitated for antibody production (e.g. for monoclonal antibodies) through the use of purified proteins**
- **Low endotoxin levels**
- **Stable growth characteristics**
- **Defined medium without protein complex**

Désignation	Characteristics	Storage T °C	500 ml	
			Cat. No.	Price
PANSERIN 401	Standard all cell types	+ 4 °C	500401	N/A -
PANSERIN 411	Adherent, suspended, insulin-dependent cells	+ 4 °C	P04-710411	N/A -
PANSERIN 411S	Serum-free medium for cytogenetic diagnosis: leukaemia	+ 4 °C	P04-7411S1	N/A -
PANSERIN 412	Versatile medium suitable for a variety of adherent cells	+ 4 °C	P04-710412	N/A -
PANSERIN 413	Lymphocytes, T-cells and hybridomas	+ 4 °C / - 20 °C	P04-710413*	N/A -
PANSERIN 701	For lymphocytes	+ 4 °C	500701	N/A -
PANSERIN 801	With 6 supplements for human keratinocytes	+ 4 °C / - 20 °C	P04-710801*	N/A -
PANSERIN 802	For human keratinocytes with 7 additives	-	P04-710802K	N/A -
PANSERIN 293A	For adherent HEK cells	+ 4 °C	P04-710608	N/A -
PANSERIN 293S	For HEK cells in suspension	+ 4 °C	P04-710609	N/A -
PANSERIN PX10	For myeloma cells & hybridomas antibody production	+ 4 °C	P04-710PX10	N/A -
PANSERIN PX40	For adherent cells (HEK, L929, CHO, MDCK,...)	+ 4 °C	P04-710PX40	N/A -
PANSERIN H4000	Protein free for myeloma & hybridoma	+ 4 °C	P04-714000	N/A -
PANSERIN C6000	Protein free for CHO cells suspension	+ 4 °C	P04-716000	N/A -
PANSERIN H8000	Protein free for Hybridoma and Cholesterol dependent Myeloma	+ 4 °C	P04-718000	N/A -
PANSERIN PRO VERO	For VERO cells	+ 4 °C	P04-710613*	N/A -
ENDOPAN 300 SL	For HUVEC, HUAEC endothelial cells - packaged in kit	+ 4 °C	P04-0065K*	N/A -

*References on request.

ISF-1 medium

- **Medium for hybridoma and monoclonal antibody (mAb) production**
- **With stable glutamine, recombinant human insulin, sodium bicarbonate (2.438 g/l)**
- **Facilitates antibody purification**
- **No addition of growth factors**



Cat. No.	Désignation	Vol. (ml)	Price
P04-995968	ISF-1 medium	500	N/A -

Corning® Range - HybriGro SF™ - Versatile medium without serum

CORNING

Developed for serum-free hybridoma culture and antibody production, HybriGro SF is a defined medium, free of animal components.

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	Units/box	Price/box
702666	40-215-CVR	HybriGro SF medium with Corning Glutogro supplement™	500	6	N/A -

Corning® Range - PF Multipurpose medium without serum

CORNING

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	Units/box	Price/box
702664	40-200-CV	PF medium	500	6	N/A -

For CHO, serum-free and protein-free medium, contains no hormones and no growth factors.
For CHO and mouse hybridoma (AE-1) suspension for example.

Serum-free medium for lymphocytes (T-cell) Corning®

CORNING

Cat. No.	Corning Cat. No.	Volume	Price
702778	88-551-CM	1 l	N/A -
702779	88-581-CM	1 l	N/A -

The use of T-cells in immunotherapy is emerging as a tool in the treatment of cancers and other clinical applications. Corning's serum-free Lymphocyte Medium (88-551-M) supports proliferation and activation of lymphocytes (including TIL Tumor Infiltrating Lymphocyte, CIK Cytokine-Induced Killer and NK Natural Killer).

PowerStem ESPro - Special ES cells*

- **ESPro1:** special serum-free medium for mouse embryonic stem cells (mES), derived from blastocysts, which are permanently cultured. After injection into blastocysts, they can form all types of tissue
- **ESPro2:** serum-free medium for the proliferation of undifferentiated mouse embryonic stem cells
- **Chemically defined, contains no peptones or hydrolysates**
- **Ready to use**

Désignation	Cat. No.	Price
	500 ml	
PowerStem ESPro1 with LIF, kit	Po4-77010K*	N/A -
PowerStem ESPro1 without LIF, kit	Po4-77510K*	N/A -
PowerStem ESPro2 with LIF, kit	Po4-77020K*	N/A -
PowerStem ESPro2 without LIF, kit	Po4-77620K*	N/A -

PowerStem HE1*

- **Medium without serum**
- **Culture and proliferation of human embryonic stem cells (hES)**
- **Feed-free cultivation**
- **Maintains cells in an undifferentiated state**

Désignation	Cat. No.	
	500 ml	
PowerStem HE1	Po4-77115K*	

*Cat. No. on request

PowerStem EST kit*

- **Medium without serum**
- **Culture of non-differentiated mouse embryonic stem cells and their differentiation into myocardial cells**
- **Embryotoxic Stem Cell Test: EST**

Désignation	Cat. No.	Price
	500 ml	
PowerStem EST kit	Po4-77250K*	N/A -

PowerStem HPSC*

- **Serum-free medium for the proliferation of human hematopoietic stem cells (HPSC)**
- **CD34+**

Désignation	Cat. No.	Price
	500 ml	
PowerStem HPSC	Po4-77450K*	N/A -

PowerStem PEC1*

- **Serum-free medium for the proliferation of human angiogenic progenitor cells**
- **ADCF**

Désignation	Cat. No.	Price
	500 ml	
PowerStem PEC1 ready to use	Po4-777500*	N/A -

HYCLONE AdvanceSTEM range for mouse stem cells

Culture medium

For embryonic stem cells (escs) and induced pluripotent stem cells (ipscs).

Cat. No.	Désignation	Vol. (ml)	Price
SH30824.01	DMEM 4SC without l-glutamine and sodium pyruvate	500	N/A -
SH30822.01	IMDM4SC, WITH L-Glutamine	500	N/A -

Saline and ES qualified buffer

Cat. No.	Désignation	Vol. (ml)	Price
SH30851.01	HEPES 1 M	100	N/A -

Amino acids, ES qualified

Cat. No.	Désignation	Vol. (ml)	Price
SH30852.01	L-glutamine 200 mM solution	100	N/A -

HYCLONE range - Mouse stem cell serum substitute

For murine stem cells mESC

- **Cultivating and maintaining mESCs in an undifferentiated state**
- **For use with SH30870**
- **Recommendation: supplement with LIF**

Cat. No.	Volume (ml)	Price
SH30874.02	500	N/A -

ADVANCESTEM

Cat. No.	Volume (ml)	Price
SH30874.03	500	N/A -

LIF

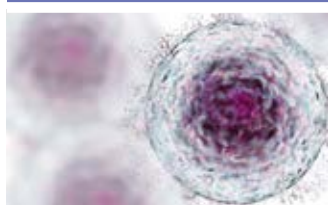
Cat. No.	Désignation	Vol.	Price
CB-1106001	LIF Human lif rec.	10 µG	N/A -

HYCLONE range - Special media for human stem cells

Growth and differentiation medium. For hMSC.

Cat. No.	Désignation	Vol. (ml)	Price
SH30878.01	Supplements for hMSC growth medium	100	N/A -
SH30889.02	Chondrogenic differentiation medium for cells from adipose tissue and bone marrow	450	N/A -

StemFIT® Basic 02



For human embryonic stem cells hESC.
For induced pluripotent stem cells IPS.

Cat. No.	Vol.	Price
523410	500 ml	N/A -

- **Single cell cloning**
- **Easy handling**
- **Reduction of feeding stages numer during the week**
- **Better proliferation rate**
- **Free of xeno contaminants**
- **No need for feeder cells**
- **Compatible with many matrices: matrigel, synthemax, r-laminin-521....**
- **Reproducible growth rates**

Himedia range

Himedia is certified OMS GMP / ISO 9001: 2000 / ISO 9001: 13485 / CE

➤ **Himedia Quality Assurance is based on 4 points:**

- **Testing of raw materials**
- **Materials testing in progress**
- **Testing of finished products**
- **Quality control of plant tissue culture products**

➤ **Compositions generally vary according to the type of plant (genus or species) and the particular tissue grown (e.g. meristem, seedlings, asymbiotic seeds).**

➤ **Media for plant tissue culture generally contain:**

- Water (of sufficient quality for tissue culture)
- Macronutrients (such as sugars, amino acids, nitrogen sources, potassium sources, phosphates, magnesium, calcium, sulphur)
- Micronutrients (vitamins, trace elements, etc.)
- Additives (gelling agents, charcoal, etc.)
- Antibiotics (fungicides, bactericides, etc.)
- Growth regulators (plant hormones or preparations)

Gamborg B5 media

For Call culture and suspension cells

Cat. No.	Désignation	Price
490624	Basal medium solution 10x - 2 x 500 ml	N/A -
490625	Basal medium solution 10x - 5 x 100 ml	N/A -
490626	With CaCl ₂ , vitamins, sucrose without agar for 1 l	N/A -
490627	With CaCl ₂ , vitamins, sucrose and agar for 1 l	N/A -
490628	With vitamins without agar, without sucrose for 1 l	N/A -

Macroelements

Cat. No.	Désignation	Price
490629	Macroelements for 10 l	N/A -
490630	Macroelements (10X) 2 x 500 ml	N/A -
490631	Macroelements (10X) 5 x 100 ml	N/A -

Microelements

Cat. No.	Désignation	Price
490632	Microelements (100X) 1 x 100 ml	N/A -

Vitamins

Cat. No.	Désignation	Price
490633	Vitamin solution (1000X) 50 ml	N/A -

Linsmaier et Skoog Media

Organ culture, callus, suspension cells, micropropagation

Cat. No.	Désignation	Price
490634	With CaCl ₂ , vitamins and sucrose without agar for 1 l	N/A -

Macroelements

Cat. No.	Désignation	Price
490635	Macroelements for 10 l	N/A -
490636	Macroelement solution (10X) - 2 x 500 ml	N/A -
490637	Macroelement solution (10X) - 5 x 100 ml	N/A -

Microelements

Cat. No.	Désignation	Price
490638	Microelements solution (100X) - 1 x 100 ml	N/A -

Vitamins

Cat. No.	Désignation	Price
490639	Vitamin solution (1000X) - 1 x 50 ml	N/A -

Murashige & Skoog Medium

Organ culture, callus, suspension cells, micropropagation

Cat. No.	Désignation	Price
490645	Basal solution 10X - 5 x 100 ml	N/A -
490646	Basal solution 10X - 2 x 500 ml	N/A -
490640	With vitamins, 3% sucrose without CaCl ₂ and agar for 1 l	N/A -
490641	With vitamins without CaCl ₂ , sucrose and agar for 5 l	N/A -
490642	With vitamins, CaCl ₂ without sucrose and agar for 5 l	N/A -
490643	With vitamins, CaCl ₂ and 3% sucrose without agar for 1 l	N/A -
490644	With vitamins, CaCl ₂ , 3 % sucrose and agar for 1 l	N/A -
490647	Salt mixture with CaCl ₂ for 1 l	N/A -

Macroelements

Cat. No.	Désignation	Price
490648	Macroelements for 10 l	N/A -

Microelements

Cat. No.	Désignation	Price
490649	Microelements solution (100X) - 1 x 100 ml	N/A -

Vitamins

Cat. No.	Désignation	Price
490650	(100X) 1 ampoule	N/A -
490651	Murashige & Skoog vitamin modified (1000X) solution - 1 x 50 ml	N/A -
490652	Vitamin (1000X) solution - 1 x 50 ml	N/A -

Hogland's medium

Hydroponics

Cat. No.	Désignation	Price
490653	Hoagland No 2 base salt mixture 10 x 1 l	N/A -

Himedia range (continued)

Powder freezing agents

Désignation	CleriGar™	CleriGel™ Ultra	CleriGel™ Super
Cat. No.	490656	490657	490658
Appearance	White to off-white homogeneous fluid powder		
Solubility	Clear to slightly turbid at 0.5g in 100ml of water after boiling	Clear to slightly turbid at 0.2g in 100ml of water after boiling	Clear to slightly turbid at 0.2g in 100ml of water after boiling
Clarity	Transparent gel formed on cooling		
Loss on drying	≤ 20%	≤ 15%	≤ 15%
Transmission	-	≥ 80%	≥ 80%
Gelling power	-	500 - 700 g/cm ²	400 - 700 g/cm ²
Use	3 - 5 g/l	2 - 2.5 g/l	1.8 - 2.5 g/l

Cat. No.	Désignation	Vol. (g)	Price
490654	Agar powder	500	N/A -
490655	Carrageenan	500	N/A -
490656	CleriGar	500	N/A -
490657	CleriGel Ultra	100	N/A -
490658	CleriGel Super	100	N/A -

Growth regulators

Promotes cell division, cell growth, flowering, fruiting and seed formation.

Auxins

Auxin promotes root growth.

Cat.No.	Désignation	Vol.	Price
490659	2,4-Dichlorophenoxyacetic acid (2,4-D)	100 g	N/A -
490660	Indole-3-acetic acid (IAA)	5 mg	N/A -
490661	Indole-3-butyric acid (IBA)	5 g	N/A -
490662	A-Naphthalene Acetic Acid (NAA)	25 g	N/A -

Cytokinins

Stimulates bud growth.

Cat.No.	Désignation	Vol.	Price
490663	Adenine Sulphate	10 g	N/A -
490664	6-Benzyladenine (6-BAP)	1 g	N/A -
490665	N6-(2-Isopentyl) Adenine	1 g	N/A -
490666	Kinetine	1 g	N/A -
490667	Thidiazuron (TDZ)	1 g	N/A -
490668	Meta-Topoline	25 mg	N/A -
490669	Zeatine	50 mg	N/A -

Gibberellins

Regulate various developmental processes, including stem elongation, germination, dormancy, flowering, flower development and leaf and fruit senescence.

Cat. No.	Désignation	Vol.	Price
490670	Gibberellic acid (GA ₃)	1 g	N/A -

Other

Cat.No.	Désignation	Vol.	Price
490671	Abscisic acid: Growth Inhibitor	100 mg	N/A -
490672	Maleic Hydrazide	100 g	N/A -
490673	Phloroglucinol	25 g	N/A -
490674	Picloram	5 g	N/A -
490675	Putrescine Dihydrochloride	1 g	N/A -
490676	Spermidine	1 g	N/A -
490677	2,4,5 Trichlorophenoxyacetic acid	25 g	N/A -

Antibiotics - Antimicrobials

Antifungal antibiotics

Cat.No.	Désignation	Vol.	Price
490678	Amoxycillin	10 g	N/A -
490682	Amoxycillin/Clavulanic acid (Augmentin)	2 g	N/A -
490680	Amphotericin B	10 g	N/A -
490681	Carbendazim	5 g	N/A -
490679	Carbenicillin Disodium	10 g	N/A -
490683	Colistin Sulphate	1 g	N/A -
490684	Kanamycin Sulphate Acid	25 g	N/A -
490686	Miconazole Nitrate	25 g	N/A -
490688	Ribavirin	10 mg	N/A -
490687	Rifampicin	25 g	N/A -
490689	Streptomycin Sulphate	100 g	N/A -
490685	Timentin	2 g	N/A -

Antimicrobial supplement - disinfectant

Cat.No.	Désignation	Vol.	Price
490690	Antimicrobial supplement	50 ml	N/A -
490691	Calcium hypochlorite	500 g	N/A -
490692	Hydrogen peroxide	100 ml	N/A -
490693	Silver nitrate	10 g	N/A -
490694	Tween 20	500 ml	N/A -



Other antibiotics on request

Chemicals

Amino acids

Glycine serves as a source of amino acids
Other amino acids on request.

Cat. No.	Désignation	Vol.	Price
490695	Glycine	500 g	N/A -

Tampons

Cat. No.	Désignation	Vol.	Price
490696	MES Buffer	25 g	N/A -

Enzymes

Protoplasts are spherical naked plant cells produced by the removal of the cell wall by means of digestive enzymes.
Plant protoplasts can be grown in defined media and will form a new cell wall, divide and, in many cases, regenerate into complete plants.

The enzymatic method is a widely used technique for the isolation of protoplasts.
Advantages of the enzymatic method include a good yield of viable cells and minimal or no damage to protoplasts.

Cat.No.	Désignation	Vol.	Price
490697	Cellulase	5 ku	N/A -
490698	Macerozyme	1 g	N/A -
490699	Pectinase	5 ku	N/A -
490700	Pectolyase	25 ml	N/A -

SERVA Range

Media for *in vitro* plant tissue culture

► Powder

	Cat.No.	Désignation	Price
MS medium	115891	Murashige and skoog powder medium 4.62 g/l for 10 l x 5	N/A -
	115892	Salt for murashige and skoog plant media 4.52 g/l for 50 l	N/A -
Gelling agent	115893	Agar agar 250 g	N/A -
	115894	Agar agar 1 kg	N/A -
	115866	Gelrite® 250 g	N/A -
	115867	Gelrite® 1 kg	N/A -
Sucrose	115895	Analytical grade sucrose 500 g	N/A -
	115896	Analytical grade sucrose 5 kg	N/A -

Phytohormones

► Growth regulator

► Promote the formation of Cal (clusters of dividing dedifferentiated cells)

► Stimulate leaf elongation and growth

	Cat.No.	Désignation	Price
Gibberillic acid	115900	Gibberillic acid 1 g	N/A -
	115903	Indole-3-butyric acid 5 g	N/A -
Auxin IBA	115904	Indole-3-butyric acid 25 g	N/A -
	115905	Indole-3-butyric acid 100 g	N/A -
Auxin IAA	115906	Indole-3-acetic acid 5 g	N/A -





Ready-to-use and sterile solution based on FICOLL, a solution consisting of a polysaccharide with a molecular weight of 400 000 daltons.

- > For the preparation of lymphocyte solutions from whole blood
- > Can be stored between 2 °C and room temperature
- > Quality certificate available
- > pH 6.5 - 7.5 for all types

PANCOLL Human

- > PANCOLL Human density: 1.077 g/ml
- > Osmolarity: 280 - 300 mOSM/kg

Cat. No.	Density	Osmolarity	pH	Volume (ml)	Price
500201	1.077 g/ml	280-300	6.5 - 7.5	100	N/A -
500205	1.077 g/ml	280-300	6.5 - 7.5	500	N/A -

PANCOLL Animal

- > PANCOLL Animal density: 1.077 g/ml
- > Osmolarity: 255 - 275 mOSM/kg

Cat. No.	Density	Osmolarity	pH	Volume (ml)	Price
P04-63100	1.077 g/ml	255-275	6.5 - 7.5	100	On request
P04-63500	1.077 g/ml	255-275	6.5 - 7.5	500	On request

Lymphocyte separation medium (LSM)

- > Osmolarity 290 + 20 mOsm
- > Low viscosity: in vitro isolation of lymphocytes from whole blood



Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	Price
702627	25-072-CI	LSM medium - Density 1077-1080 g/ml	100	N/A -
702628	25-072-CV	LSM medium - Density 1077-1080 g/ml	500	N/A -

PANCOLL Mouse

- > PANCOLL mouse, density 1.086 g/ml
- > Osmolarity: 270-290 mOSM/kg

Cat. No.	Density	Osmolarity	pH	Volume (ml)	Price
P04-64100	1.086 g/ml	270-290	6.5 - 7.5	100	On request
P04-64500	1.086 g/ml	270-290	6.5 - 7.5	500	On request

PANCOLL Monocytes*

- > PANCOLL mouse, density 1.068 g/ml
- > Osmolarity: 310-330 mOSM/kg

Cat. No.	Density	Osmolarity	pH	Volume (ml)	Price
P04-68100*	1.068 g/ml	325-355	6.5 - 7.5	100	On request
P04-68500*	1.068 g/ml	325-355	6.5 - 7.5	500	On request

*Cat. No. on request

PHA-M (Phytohaemagglutinin)

- > Stimulates proliferation of lymphocytes in culture
- > Also used for the separation of leukocytes from whole blood



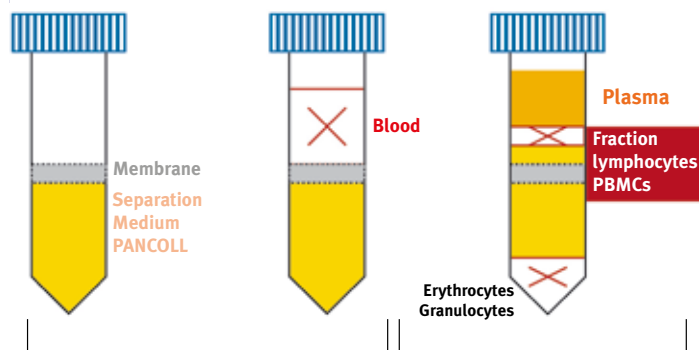
Cat. No.	Désignation	Volume	Price
L3010-005	Phytohaemagglutinin liquid	5 ml	N/A -

Lymphocyte separation media

Cat. No.	Désignation	Vol. (ml)	Price
L0560-100	Lymphocyte separation medium	100	N/A -
L0560-500	Lymphocyte separation medium	500	N/A -



Leucosep "ready to use" tubes



Before centrifugation tubes filled with PANCOLL (density 1.077 g/ml)

After centrifugation tubes

- > Reduces the risk of contamination
- > Time saving
- > Stable 36 months at 2-20 °C
- > Store in a dark place

Pre-filled PANCOLL human MSL

Cat. No.	Désignation	Tubes	MSL volume	Price
016760F	Rack of 25 tubes	50 ml	15 ml	N/A -
016765F	Rack of 50 tubes	10 ml	3 ml	N/A -

Pre-filled PANCOLL animal

Cat. No.	Désignation	Tubes	MSL volume	Price
016775F	Rack of 50 tubes	10 ml	3 ml	N/A -

Ficoll and Percoll density gradient

Ficoll-Paque Premium

- > Ready-to-use solution for the separation of mononuclear cells from blood
- > Consists of a sucrose polymer
- > Sterile

Cat. No.	Désignation	Density (g/ml)	Volume (ml)	Units/box	Price/box
17-5446-02	Ficoll-Paque Premium 1.084	1.084	100	6	N/A -
17-5446-52	Ficoll-Paque Premium 1.073	1.073	100	6	N/A -

Ficoll powder

Cat. No.	Désignation	Weight	Price
17-0300-05	Ficoll PM 400	5 kg	N/A -
17-0300-10	Ficoll PM 400	100 g	N/A -
17-0300-50	Ficoll PM 400	500 g	N/A -
17-0310-10	Ficoll PM 70	100 g	N/A -
17-0310-50	Ficoll PM 70	500 g	N/A -

Percoll

- > Consists of colloidal silice particles surrounded by PVP (Percoll) or silane (Percoll Plus)



- > Density: 1.130 g/ml
- > Suitable for separation of polynuclei from neutrophils

Cat. No.	Désignation	Volume (ml)	Units/box	Price/box
17-0891-09	Percoll	1000	6	N/A -
17-5445-01	Percoll Plus	1000	1	N/A -
17-5445-02	Percoll Plus	250	1	N/A -

Leucosep™ 12 ml and 50 ml Tubes

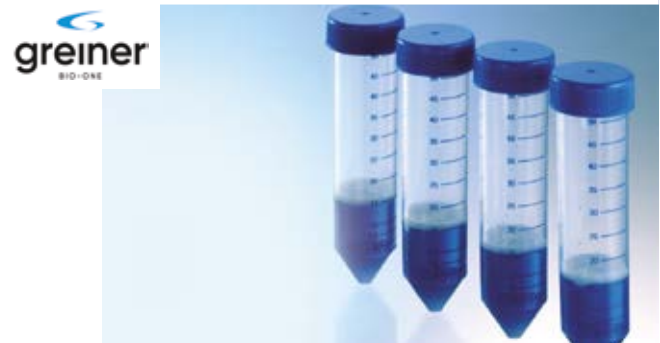
- Simple and efficient separation of PBMCs (lymphocytes and mononuclear cells) from blood or bone marrow
- Concentration directly from whole blood
- Rapid separation in 15 minutes at room temperature
- During centrifugation, lymphocytes and mononuclear cells are separated from unwanted elements by density gradient and concentrate in a phase above the separating medium
- When separation is complete, at the time of harvest, the porous barrier minimizes contamination of the enriched fraction with red blood cells
- Pre-filled with Leucosep™ separation medium (density 1.077 g/ml)
- Available unfilled for use with all other separation media on the market



Cat. No.	Vol. (ml)	Leucosep™ separation medium	Sterile	Units/box	Units/bag	Price/bag
163288	12	Yes	Aseptic	50	500	N/A -
163289	12	No	No	50	500	N/A -
016765	12	No	Yes	50	500	N/A -
227288	50	Yes	Aseptic	25	250	N/A -
016761	50	No	No	25	300	N/A -
016760	50	No	Yes	25	300	N/A -

OncoQuick™ Greiner Bio-One System

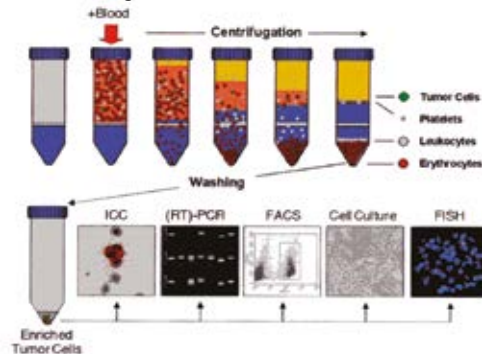
- A simple, fast and efficient system for the enrichment of circulating tumour cells released from solid tumours or malignant melanomas.
- Consists of a polypropylene tube with a porous barrier inserted on top of a specially developed separation solution.
- Up to 30 ml of the whole anticoagulated blood is deposited directly into the OncoQuick™ tube, and centrifuged.
- Apart from erythrocytes and granulocytes, the separation medium allows the virtual elimination of lymphocytes and mononuclear cells.
- Circulating tumour cells are concentrated at the interface.



Enrichment in circulating tumour cells disseminated from whole blood.

- Result in 45 minutes
- For research use only
- Reproducible recovery
- Blood cell removal up to 6 log units
- No additional laboratory equipment
- No magnetic balls
- No blockage of marker molecules
- Enrichment directly from whole blood

Cat. No.	Total tube volume (ml)	Blood volume (ml)	Units/box	Price/box
227255	50	15 - 30	4	N/A -
227250	50	15 - 30	10	N/A -



Blood Sep Filter

Filter held by two rings moulded into the tube. These ensure that the filter remains in place during centrifugation.

Cat. No.	Total volume of Blood Sep Filter tube	Volume of blood	Units/bag	Price/bag
016780	50 ml without MSL	15 - 30 ml	25	N/A -



Nylon wool

- For the separation of T leukocytes from B leukocytes
- Instructions for use on request

Cat. No.	Quantity	Price
490002	10 g	N/A -
490003	50 g	N/A -
490004	100 g	N/A -



Biopredic's offer, tissue and cell reagents for scientific research

Over the years, Biopredic has established a network of collection sites throughout the country, specialising in skin, blood and liver. These are human tissues or tissues from laboratory or production animals. Of course Biopredic has all the necessary authorisations to transfer the samples. And provides 'normal' tissue, as opposed to tumour tissue in particular. These samples can be used as controls in your experiments. Biopredic knows how to adapt its collection, processing, control and transport processes according to the specifications established together with the client.



The skin

Biopredic collects every day, in several dozen clinics, residues from plastic surgery operations, transformed into skin discs or sheets, dermatomized or not, supplied unfrozen or frozen, for passage, biotransformation or pharmaco-toxicology studies. Biopredic also supplies the subcutaneous fatty tissue. And also offers animal skin samples.

► Some parameters of choice (not exhaustive):

- **Location**
(back, arms, thighs, etc.)
- **Age**
- **Gender**
- **BMI**
- **Disc or sheet**
- **Dermatoma or not**

HepaRG®

This human liver line developed by an INSERM team in Rennes has become a world standard in hepatitis B research. It has also become an everyday tool in the study of liver toxicity, biotransformation and liver function in general.

More than 700 publications are based on it. The line (patented by INSERM and licensed by Biopredic) is available after conclusion of an MTA with INSERM

or in a ready-to-use format. Biopredic brings all its know-how for easy installation in your laboratory.



Plasma - Blood

Biopredic has several human blood collection sites, in France and abroad; and supplies whole blood or plasma (therapeutic or non-therapeutic anticoagulants) or serum, in small volumes and from numerous donors or single donors in large volumes or pools. Biopredic is also well known for its PBMC, offering also blood derivatives from rodents and large animals.

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> ► Choice of anti-coagulant (lithium heparin, EDTA-3k, EDTA-2na...) ► Frozen or fresh plasma ► Fresh blood ► Choice of criteria: gender, age, sex, smoker or not, with or without caffeine.. | <ul style="list-style-type: none"> ► Human ► Single donor or multi-donor pool ► From 1 ml to several litres | <ul style="list-style-type: none"> ► Animal ► Ex: mouse, beagle, cyno... ► 10 ml tubes |
|--|---|--|

Human and animal hepatocytes, non-parenchymal cells

The liver: Biopredic collects human peri-tumour tissue transformed into hepatocytes and non-parenchymal cells. As well as rodent and large animal hepatocytes.

- | | |
|---|--|
| <ul style="list-style-type: none"> ► Human ► For use in suspension, or in monolayer or 3D, short or long term culture | <ul style="list-style-type: none"> ► Animal ► Ex: mouse, beagle, cyno... |
|---|--|

Associated services Biopredic

Biopredic offers standard products with specifications developed by them. But also combines services with their products, variations of donor choices or processing and controls. Biopredic offers digital services to regular customers, such as inventory consultation and reservation services.

PluriBeads microbeads for cell separation

- Fast and easy to use
- Enrichment from whole blood, Buffy coat and tissue
- Reduces cell stress compared to conventional methods
- Retention according to the size of the beads on a 30 µm cell strainer for PluriBead-S, or 60 µm for PluriBead-M: free cells are not retained
- Sequential enrichment of up to 5 cell types from the same sample by adjusting bead size



Differentiation marker		PluriBeads-S		PluriBeads-M		
Type	Species	Cat.No.	Price	Cat.No.	Price	
CD2	Anti-human	149030	N/A -	149107	N/A -	
CD3		149031	N/A -	149108	N/A -	
CD4		149032	N/A -	149109	N/A -	
CD5		149033	N/A -	149110	N/A -	
CD7		149034	N/A -	149111	N/A -	
CD8		149035	N/A -	149112	N/A -	
CD9		149036	N/A -	149113	N/A -	
CD11A		149037	N/A -	149114	N/A -	
CD11B		149038	N/A -	149115	N/A -	
CD14		149039	N/A -	149116	N/A -	
CD15		149040	N/A -	149117	N/A -	
CD16		149041	N/A -	149118	N/A -	
CD19		149042	N/A -	149119	N/A -	
CD21		149043	N/A -	149120	N/A -	
CD31		149044	N/A -	149121	N/A -	
CD43		149045	N/A -	149122	N/A -	
CD44		149046	N/A -	149123	N/A -	
CD45		149047	N/A -	149124	N/A -	
CD55		149048	N/A -	149125	N/A -	
CD95		149049	N/A -	149126	N/A -	
CD117		149050	N/A -	149127	N/A -	
CD138		149051	N/A -	149128	N/A -	
CD235A		149052	N/A -	149129	N/A -	
CD271		149053	N/A -	149130	N/A -	
CD326		149054	N/A -	149131	N/A -	
CD4		Anti-Rat	149055	N/A -	149132	N/A -
CD8B			149056	N/A -	149133	N/A -
CD11B			149057	N/A -	149134	N/A -
CD45			149058	N/A -	149135	N/A -
TCR Alpha/Beta		149059	N/A -	149136	N/A -	
CD11B		Anti-Pork	149060	N/A -	149137	N/A -
CD14			149061	N/A -	149138	N/A -
CD21	149062		N/A -	149139	N/A -	
CD29	149063		N/A -	149140	N/A -	
CD44	149064		N/A -	149141	N/A -	
CD47	149065		N/A -	149142	N/A -	
CD62L	149066		N/A -	149143	N/A -	
CD90	149067		N/A -	149144	N/A -	
HLA-DR-DP	149068		N/A -	149145	N/A -	
Red blood cells RBC	149069		N/A -	149146	N/A -	
CD29	Anti-Sheep	149070	N/A -	149147	N/A -	
CD41/61		149071	N/A -	149148	N/A -	
CD44		149072	N/A -	149149	N/A -	
CD45		149073	N/A -	149150	N/A -	
CD47		149074	N/A -	149151	N/A -	
CD62L		149075	N/A -	149152	N/A -	
CD271		149076	N/A -	149153	N/A -	
HLA-DR-DP		149077	N/A -	149154	N/A -	
CD9	Anti-Bovine	149078	N/A -	149155	N/A -	
CD14		149079	N/A -	149156	N/A -	
CD21		149080	N/A -	149157	N/A -	
CD45R		149081	N/A -	149158	N/A -	
CD47		149082	N/A -	149159	N/A -	
CD62L		149083	N/A -	149160	N/A -	
CD117		149084	N/A -	149161	N/A -	
HLA-DR-DP	149085	N/A -	149162	N/A -		
CD4	Anti-Canin	149086	N/A -	149163	N/A -	
CD29		149087	N/A -	149164	N/A -	

Differentiation marker		PluriBeads-S		PluriBeads-M		
Type	Species	Cat.No.	Price	Cat.No.	Price	
CD4	Anti-Mouse	149088	N/A -	149165	N/A -	
CD8		149089	N/A -	149166	N/A -	
CD11B		149090	N/A -	149167	N/A -	
CD11C		149091	N/A -	149168	N/A -	
CD14		149092	N/A -	149169	N/A -	
CD19		149093	N/A -	149170	N/A -	
CD31		149094	N/A -	149171	N/A -	
CD45		149095	N/A -	149172	N/A -	
F4/80		149096	N/A -	149173	N/A -	
LY6G		149097	N/A -	149174	N/A -	
Universal		Anti-Mouse	149098	N/A -	149175	N/A -
Universal		Anti-Rat	149099	N/A -	149176	N/A -
Universal		Anti-Rabbit	149100	N/A -	149177	N/A -
Universal		Anti-Hamster	149101	N/A -	149178	N/A -
Universal	Anti-goat	149102	N/A -	149179	N/A -	
CD11A	Anti-Horse	149103	N/A -	149180	N/A -	
CD41/61		149104	N/A -	149181	N/A -	
CD14	Anti-Rabbit	149105	N/A -	149182	N/A -	

Reagent kits for PluriBeads

Includes wash buffer, stabilisation buffer, incubation buffer, detachment buffer, PluriStrainers, funnels and connectors.



Cat. No.	Désignation	Number of tests	Price
149184	Reagent kit for PluriBeads-S	5	N/A -
149185	Reagent kit for PluriBeads-S	10	N/A -
149186	Reagent kit for PluriBeads-M	5	N/A -
149187	Reagent kit for PluriBeads-M	10	N/A -

Buffers for PluriBeads

Cat.No.	Désignation	Volume (ml)	Price
149189	Detachment buffer for PluriBeads	20	N/A -
149192	Wash buffer for PluriBeads (10x)	100	N/A -
149193	Wash buffer for PluriBeads (10x)	500	N/A -
149194	Wash buffer for PluriBeads (10x)	1000	N/A -

PluriStrainer Cell Strainers

Cat.No.	Size	Code Colour	Porosity (µm)	Units/box	Price/box
149026B	S	Violet	30 µm	25	N/A -
149195	M	Blue	60 µm	25	N/A -

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