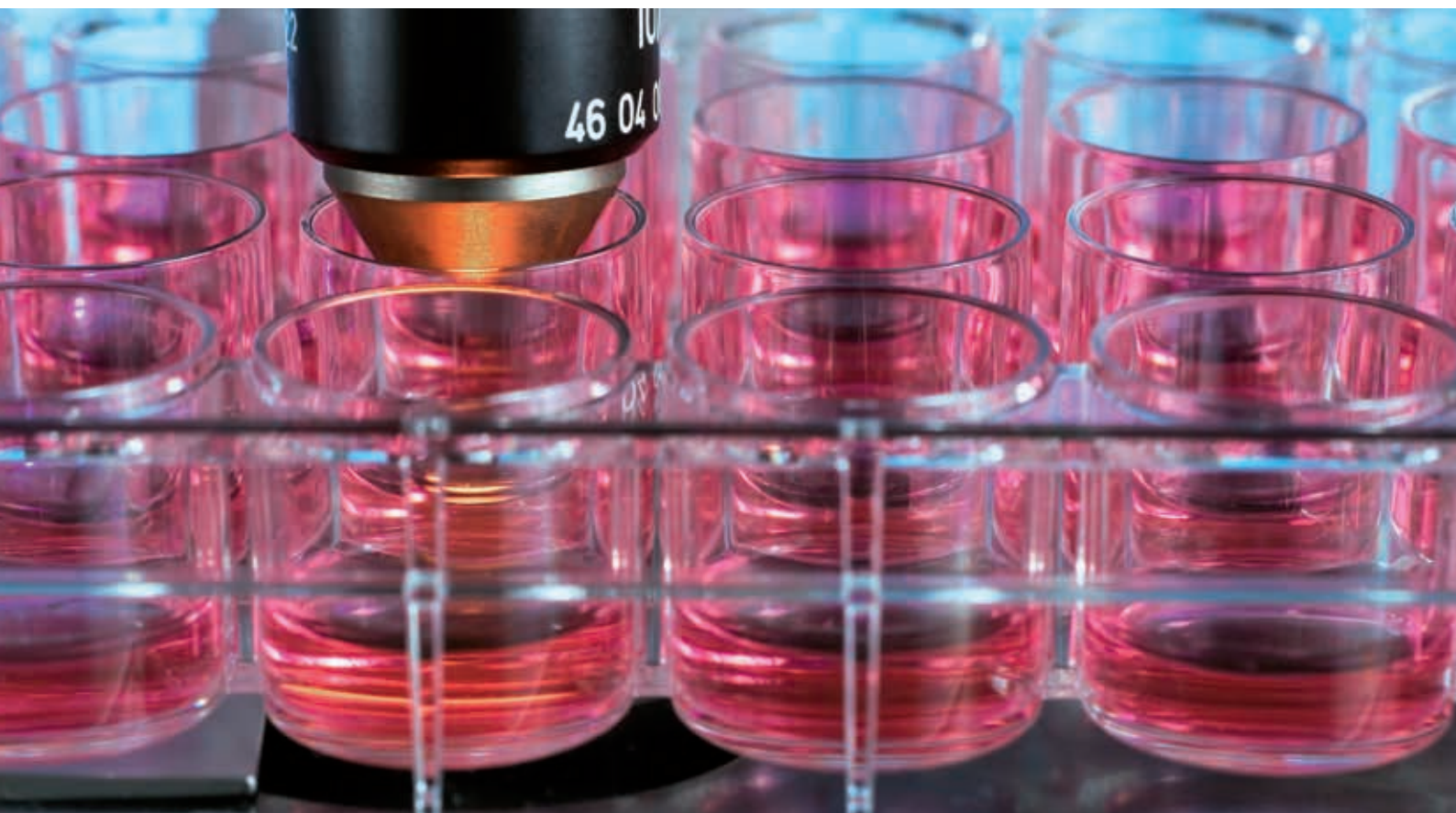
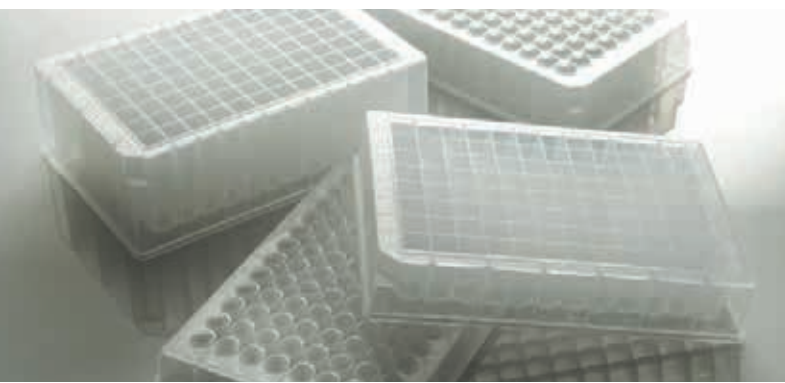


**EuroElone®**  
serving science through innovation



**Primo® Cell Culture Consumable  
& General Microplates**

EuroClone - BioAir is one of Europe's leading manufacturers and suppliers of highest quality Microbiological Safety Cabinets, Laminar Flow Cabinets and Recirculating Fume Cupboards, with more than 35 years of experience in the field!

Our range of 14 different models of Class II Biological Safety Cabinets realized according to the EN12469 European Standard, meets any quality or budget requirement!

The product range is completed by Laminar Flow Cabinets for manipulation of non toxic samples, Recirculating Fume Hoods for easy managing of chemicals and volatiles and a series of equipments designed for automation and industrial applications.

The experience deriving from decades of sales and support to Cell Biologists, allowed EuroClone® to bring into the market an extremely innovative CO<sub>2</sub> Incubator, the S@fegrow 188, which is the result of a deep knowledge of the best conditions required by the most critical tissue culture methods, supported by the suggestions received from the scientists involved in growing cells in vitro.



S@femate Eco



S@fellow Two



Aura HZ



S@fegrow 188

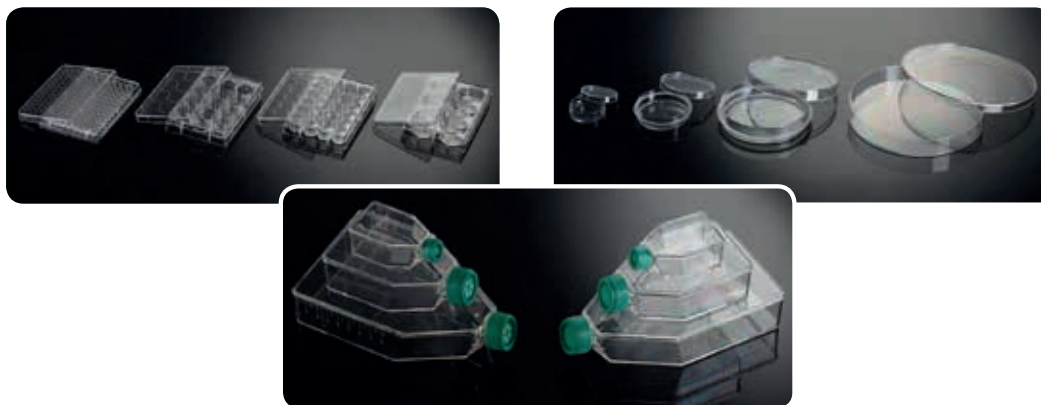


**Italian Quality**

*Our cabinets and incubatore are completely made in Italy using components of Italian or european origin! We use only the best for our equipment!*

## Primo® Cell Culture Consumable

Primo® Cell Culture is the new series of products developed by EuroClone to satisfy high demanding scientists' needs. Primo® Cell Culture has been innovatively designed by our engineers. The entire of Primo's product line is manufactured in clean-room environment under a ISO 9001-2008 Quality System. Primo® Cell Culture products are manufactured with 100% USP VI crystal class virgin polystyrene and high quality polyethylene to ensure optimal surface for your cells. Primo® Flasks and Plates are vacuum-plasma treated to create a negatively charged and hydrophilic surface; this treatment ensures a more even and consistent cell attachment together with optimal cell growth.



### Primo® Cell Culture Flasks

The perfect products for cell growth and cell yields on small and medium input volumes.

#### Tips on choosing caps:

**Plug Sealing Caps:** Standard polyethylene caps can be used in closed systems, providing a liquid and gas shear seal. Simply unscrewing the cap one quarter of a turn, the flask can also be used in open system cultures.

**Vent Caps:** Vented polyethylene caps contain a 0.22 µm hydrophobic filter to allow gas exchange and minimize risk of cross-contamination.

Cat.	ET7025	ET7026	ET7075	ET7076	ET7180	ET7181
Growth area (cm <sup>2</sup> )	25	25	75	75	182	182
Total volume (ml)	50	50	250	250	600	600
Working volume (ml)	17,5	17,5	60	60	125	125
Caps	plug seal	filter	plug seal	filter	plug seal	filter
Qty bag/case	10/200	10/200	5/100	5/100	5/40	5/40

Cat.	Description	Qty/case
ET7025	Primo® TC Flask 25 cm <sup>2</sup> plug seal screw cap	10/200
ET7026	Primo® TC Flask 25 cm <sup>2</sup> screw cap w/filter	10/200
ET7075	Primo® TC Flask 75 cm <sup>2</sup> plug seal screw cap	5/100
ET7076	Primo® TC Flask 75 cm <sup>2</sup> screw cap w/filter	5/100
ET7180	Primo® TC Flask 182 cm <sup>2</sup> plug seal screw cap	5/40
ET7181	Primo® TC Flask 182 cm <sup>2</sup> screw cap w/filter	5/40

#### Features

- Available with 3 different growth areas: 25, 75 and 182 cm<sup>2</sup>
- Plasma surface-treated
- Flask surface flat and seamless to maximize the available growth area
- 2 different cap styles can be used in open and closed systems
- Innovative angled neck design offer good pipette and cell scraper access
- Upper triangular and wider base shape provides stability
- Protruding ridge on the back side of the flask for easy stacking
- Special area near the neck for easy marking
- Both flask sides have engraved graduation
- Strictly leakage tested
- Sterilized by gamma radiation
- Certified non-pyrogenic
- Lot N° and expiry date printed on the flask
- Package in durable zip resealable self-standing plastic bags allowing flasks to remain upright and reducing contamination





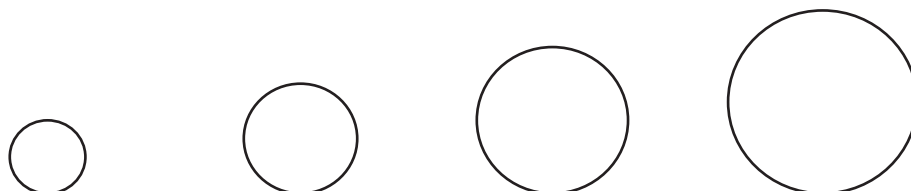
## Primo® Cell Culture dishes

Ideal containers for cell growth and yields on small and medium input volumes, also useful in sample separation, pre-treatment, storage, etc.

Cat.	Description	Qty/case
ET2035	Primo® TC Dishes 35 mm	10/500
ET2060	Primo® TC Dishes 60 mm	10/500
ET2100	Primo® TC Dishes 100 mm	10/300
ET20150	Primo® TC Dishes 150 mm	5/100

### Features

- Available in 4 different diameters: 3,5, 6, 10 and 15 cm
- 6 and 10 cm dishes are designed with gripping ring
- Plasma surface-treated
- Flat bottom and uniform wall thickness ensure distortion-free bottom
- Dish surface is smooth and seamless to maximize the available growth area
- Lid upper side rim matches with dish for easy and secure stacking
- Vented lids for very effective gas exchange
- Sterilized by gamma radiation
- Certified non-pyrogenic
- Packaged in durable and resealable (zip-closure) plastic bag
- Every package bag is labeled with lot N° for quality traceability



### Selection Guide

Cat..	ET2035	ET2060	ET2100	ET20150
Diameter (mm)	32.8	52	87.8	135.5
Growth Area (cm <sup>2</sup> )	8.5	21.2	60.8	143
Dimension (mm)	12.5 x 37.8	17.8 x 58.8	22 x 95.6	21.9 x 143
Working volume (ml)	1.8 - 2.7	4.2 - 6.3	11 - 16.5	25 - 27
Gripping Ring	-	+	+	-
Q.ty bag/case	10/500	10/500	10/300	5/100

## Primo® Cell Culture multiwell plates

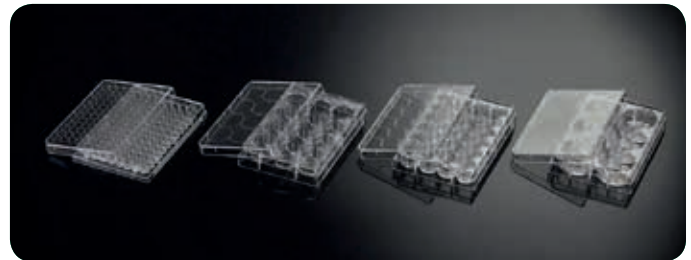
Ideal for cell growth and cell yields on multiple, comparative analysis and other applications.

Cat.	ET3006	ET3012	ET3024	ET3048	ET3096	ET3196
Well format	6	12	24	48	96	36
Well bottom	Flat	Flat	Flat	Flat	Flat	Round
Growth area per well (cm <sup>2</sup> )	9,6	3,85	1,93	0,84	0,33	0,32
Max volume per well (ml)	17	6,8	3,5	1,55	0,39	0,32
Working volume (ml)	1,90-2,90	0,76-1,14	0,38-0,57	0,19-0,29	0,075-0,20	0,32

Cat.	Description	Qty/case
ET3006	Primo® Multiwell plate 6 wells	1/100
ET3012	Primo® Multiwell plate 12 wells	1/100
ET3024	Primo® Multiwell plate 24 wells	1/100
ET3048	Primo® Multiwell plate 48 wells	1/100
ET3096	Primo® Multiwell plate 96 wells	1/100
ET3196	Primo® Multiwell plate 96 wells round bottom	1/100

### Features

- Available with 6 different growth surface areas of 6, 12, 24, 48, 96 wells flat bottom, 96 wells round bottom
- Plasma surface-treated
- Uniform well volume ensures equal growth surface area
- Flat well bottom
- Well surface is smooth and seamless to maximize the available growth area
- Raised wells rims and uniform lid rings for reduced evaporation
- Single position lid reduces the risks of cross-contamination and handling misplacement
- Wells are labeled with alphanumeric code for easy identification
- Sterilized by gamma radiation
- Certified non-pyrogenic
- Individually packaged in peel-to open paper/plastic blister pack
- Every plate is printed with lot N° & expiry date for quality traceability



## Primo® Cell Strainers

Manufactured with a strong nylon mesh, these cell strainers are sterile, individually packaged, easy-to-use devices for isolating primary cells to consistently obtain a uniform single-cell suspension from tissues. Protect your valuable flow cytometry and cell sorting instrumentation by reliably removing clumps and debris from cell suspensions and clinical samples prior to analysis.



Cat.	Description	Qty/case
ET6040	Primo® Cell strainer 40 µm	1/50
ET6070	Primo® Cell strainer 70 µm	1/50
ET6100	Primo® Cell strainer 100 µm	1/50

### Features

- Available in 3 mesh sizes, 40 µm, 70 µm, and 100 µm
- 3 different colors: blue, white, and yellow, for easy identification
- Mesh pores are evenly spaced improve uniformity of single cell suspensions
- Made of a strong nylon mesh for optimal performance in a variety of applications
- The extended lip on the strainer enables aseptic handling with forceps
- It has a universal design to fit into the most diffuse 50 ml conical tube on the market
- Ready-to-use, sterilized by gamma irradiation
- Individually packaged
- DNase- & RNase-free
- Non-pyrogenic
- Lot N° for quality traceability on every box

## Primo® Cell Scraper



Cat.	Description	Qty/case
ET6025	Primo® Cell scraper 25 x 2 cm	1/100

### Features

- Lengths: 25 cm with 2.0 cm blade
- Material: Blades/TPE; Handle/ABS
- Developed to ensure an easier & more effective process of scraping off & collecting cells
- These particularly thin, swivelling & flexible blade it is easy to use & minimize cells damage
- Sterilized by Gamma irradiation
- Individually wrapped
- Non-Pyrogenic
- Lot N° for quality traceability on every envelop

## Primo® Cell Lifter



Cat.	Description	Qty/case
ET6023	Primo® Flat blade cell lifter 23 cm x 19 mm with 9 mm J-hook	1/100

### Features

- Manufactured with exclusively high-grade polyethylene (PE)
- 19 mm beveled edge blade on one end & 9mm J-Hook on the other
- 23,4 cm total length
- Designed for removing cells from Multiple Well Plates or Micro Centrifuge Tubes
- Individually wrapped
- Sterilized by gamma irradiation
- DNase/RNase-free, Non-pyrogenic
- Lot N° for quality traceability on every envelop

## Primo® Screening plates

Primo® screening plates are polystyrene plates designed for cell based high content screening, confocal microscopy, FRET and homogeneous assays where optimum signal to noise ratio and high consistency are essential.

### Laser Welding Technology reduces autofluorescence

Most manufacturers assemble clear base microplates by gluing a clear film to the frame or heat-welding the components together. Heat welding of the two plate components under high pressure results in autofluorescence at the well edges, called "halo effect". More over, gluing uses organic solvents which can cause autofluorescence and may have cytotoxic effects and incomplete glue lines often result in well-to-well leakage.

Primo® Screening Plates are assembled using unique patented laser welding technology which reduces autofluorescence and does not inhibit cell growth. The use of localised welding heat dramatically reduces base film distortion during production. This improves base flatness, which in turn reduces instrument auto-focusing time and autofluorescence.

### Optical Quality of the Polymer Film

The clear base component of our Screening Plates demonstrates superior properties in terms of optical clarity (low absorbance and high transmission), low background fluorescence and consistency of material thickness.

The latest extrusion technology is used for manufacturing an ultra-clear base of 190 µm thick, to provide optimum results with confocal microscopy and laser based detection systems.

Variation across the plate is minimised so the time required for complex screening applications can be reduced dramatically. Plate with 700 µm moulded base are available. Please contact our technical support (tsa@euroclone.it) for info.

### Improved Cell Adhesion

The plastic surface of Tissue Culture Treated (TC) Primo® Screening plates undergo a unique low pressure plasma process that allows cell adhesion even for cell with low adhesion properties\*.

Non tissue culture treated screening plates are available as well.

\* Please enquire for Screening Plates coated with collagen and Poly D-Lysim.

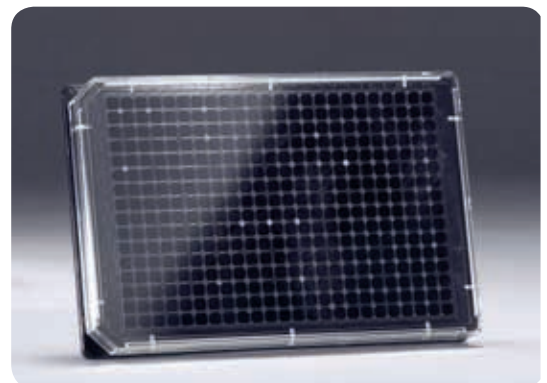
## 384 well Primo® Screening Plate

Cat.	ECPCRO201BL	ECPCRO202BL	ECPCRO203BL	ECPCRO204BL
Well format	384	384	384	384
Well bottom	clear	clear	clear	clear
Colour	black	black	black	black
Sterile	yes	yes	yes	no
Surface treatment	TC	TC	-	-
Growth Area (mm <sup>2</sup> )	10	10	10	10
Max volume (ul)	120	120	120	120
Working volume (ul)	15 - 110	15 - 110	15 - 110	15 - 110
Quantity	24	30	30	30
Lid	+	-	-	-

Cat.	Description	Color	Qty/case
ECPCRO201BL	Primo® Screening Plate 384 well TC treated, sterile (with lids)	black	24 plates
ECPCRO202BL	Primo® Screening Plate 384 well TC treated, sterile (no lids)	black	30 plates
ECPCRO203BL	Primo® Screening Plate 384 well, untreated, sterile (no lids)	black	30 plates
ECPCRO204BL	Primo® Screening Plate 384 well, untreated, non sterile (no lids)	black	30 plates

### Features

- Optimum signal to noise ratios
- Reduced autofluorescence
- Cyto-toxic free
- Sterile and non sterile plates available
- Tissue Culture (TC) or untreated plates available
- Leak free
- Bar coding option available



ECPCRO201BL

## 96 well Primo® Screening Plate

Cat.	ECPCRO221	ECPCRO222	ECPCRO223	ECPCRO224
Well format	96	96	96	96
Well bottom	clear	clear	clear	clear
Colour	black	black	black	black
Sterile	yes	yes	yes	no
Surface treatment	TC	TC	-	-
Growth Area (mm <sup>2</sup> )	32	32	34	32
Max volume (ul)	50	350	350	350
Working volume (ul)	25 - 340	25 - 340	25 - 340	25 - 340
Quantity	24	30	30	30
Lid	+	-	-	-

Cat.	Description	Color	Qty/case
ECPCRO221	Primo® Screening Plate 96 well TC treated, sterile (with lids)	black	24 plates
ECPCRO222	Primo® Screening Plate 96 well TC treated, sterile (no lids)	black	30 plates
ECPCRO223	Primo® Screening Plate 96 well, sterile (no lids)	black	30 plates
ECPCRO224	Primo® Screening Plate 96 well, non sterile (no lids)	black	30 plates

### Features

- Optimum signal to noise ratio
- Reduced autofluorescence
- Cyto-toxic free
- Sterile and non sterile plates available
- Tissue Culture (TC) or untreated plates available
- Leak free
- Bar coding option available



ECPCRO222

## 24 well Primo® Screening Plate

Cat.	ECPCRO241	ECPCRO242	ECPCRO243	ECPCRO244
Well format	24	24	24	24
Well bottom	clear	clear	clear	clear
Colour	black	black	black	black
Sterile	yes	yes	yes	no
Surface treatment	TC	TC	-	-
Growth Area (mm <sup>2</sup> )	165	165	165	165
Max volume (ul)	2.5	2.5	2.5	2.5
Working volume (ul)	0.5 - 1.9	0.5 - 1.9	0.5 - 1.9	0.5 - 1.9
Quantity	24	30	30	30
Lid	+	-	-	-

Cat.	Description	Color	Qty/case
ECPCRO241	Primo® Screening Plate 24 well TC treated, sterile (with lids)	black	24 plates
ECPCRO242	Primo® Screening Plate 24 well TC treated, sterile (no lids)	black	30 plates
ECPCRO243	Primo® Screening Plate 24 well, sterile (no lids)	black	30 plates
ECPCRO244	Primo® Screening Plate 24 well, non sterile (no lids)	black	30 plates

### Features

- Optimum signal to noise ratios
- Reduced autofluorescence
- Cyto-toxic free
- Sterile and non sterile plates available
- Tissue Culture (TC) or untreated plates available
- Leak free
- Bar coding option available



ECPCRO241



## Primo® UV plates

Primo UV are ultra clear base plates allowing DNA measurements at 260/280 nm wavelengths in a medium or high throughput contest.

The plates fit most microplate readers and can be easily handled by robotic systems.

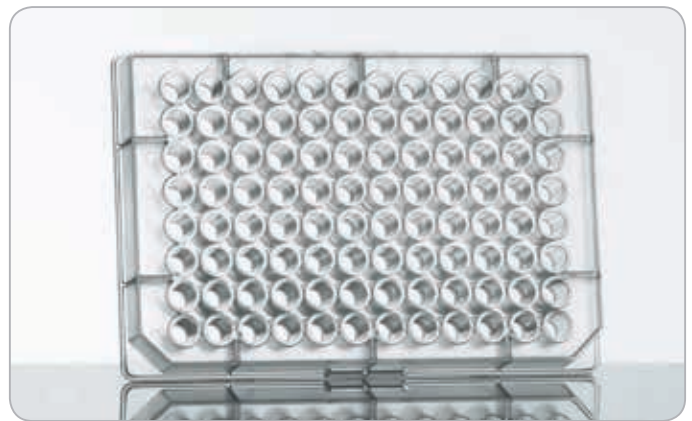
Cat.	Description	Color	Qty/case
ECPCRO214	Primo® UV Plate 384 wells, UV base, non-sterile, (no lids)	black	30 plates
ECPCRO234	Primo® UV Plate 96 wells, UV base, non-sterile, (no lids)	clear	30 plates

### Features

- *Ultraclear base improves transmission for low wavelenghts*
- *Optimal signal-to-noise ratio*
- *Free from DNase, RNase and human genomic DNA*
- *Barcode available on request*
- *Suitable for adhesive and heat sealing*
- *Working volume 120 ul for 384 well plates and 350 ul for 96 well plates*



ECPCRO214



ECPCRO234

## Primo® Assay Plates

Primo Assay plates are flat bottom polystyrene plates suitable for fluorescence or luminescence assays.



### Black plates

are recommended for top reading fluorescence instrumentation thanks to their low background and minimised light scattering.



### White plates

give the best results for luminescence detection since they maximise signal intensity.



### Clear plates

offer the best solutions for spectrophotometry applications.

## 384 well Assay Plates

Cat.	ECPCR0264	ECPCR0274	ECPCR0254
Well format	384	384	384
Well shape	F-bottom	F-bottom	F-bottom
Colour	black	white	clear
Sterile*	no	no	no
Working volume	120 µl	120 µl	120 µl
Quantity	100	100	100
Compatible Lid	ECPCR0280	ECPCR0280	ECPCR0280

\* Sterilisation on request

Cat.	Description	Color	Qty/case
ECPCR0254	Primo® 384 well Assay Plate, non-sterile	clear	100 plates
ECPCR0264	Primo® 384 well Assay Plate, non-sterile	black	100 plates
ECPCR0274	Primo® 384 well Assay Plate, non-sterile	white	100 plates

### Features

- Black, white and clear plates available
- Alphanumeric grid references
- Free from DNase, RNase and human genomic DNA
- Barcode available on request
- Suitable for adhesive and heat sealing
- Lids available



ECPCR0254



ECPCR0264



ECPCR0274

## 96 well Assay Plates

Cat.	ECPCRO263	ECPCRO273
Well format	96	96
Well shape	F-bottom	F-bottom
Colour	black	white
Sterile*	no	no
Working volume	350 µl	350 µl
Quantity	100	100
Compatible Lid	ECPCRO282 / ECPCRO283	ECPCRO282 / ECPCRO283

\* Sterilisation on request

Cat.	Description	Color	Qty/case
ECPCRO263	Primo® 96 well Assay Plate, non-sterile	black	100 plates
ECPCRO273	Primo® 96 well Assay Plate, non-sterile	white	100 plates

### Features

- Black and white plates available
- Chimney well design to overcome optical crosstalk and contamination
- Alphanumeric grid references
- Free from DNase, RNase and human genomic DNA
- Barcode available on request
- Suitable for adhesive and heat sealing
- Lids available



ECPCRO263



ECPCRO273

## 24 well Assay Plates

Cat.	ECPCRO262
Well format	24
Well shape	F-bottom
Colour	black
Sterile*	no
Working volume	1880 µl
Quantity	100
Compatible Lid	ECPCRO284 / ECPCRO286

\* Sterilisation on request

Cat.	Description	Color	Qty/case
ECPCRO262	Primo® 24 well Assay Plate, non-sterile	black	100 plates

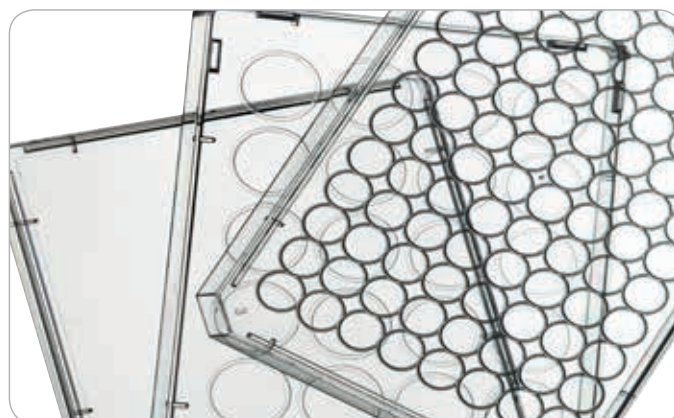
### Features

- Black plates
- Chimney well design to overcome optical crosstalk and contamination
- Alphanumeric grid references
- Free from DNase, RNase and human genomic DNA
- Barcode available on request
- Suitable for adhesive and heat sealing
- Lids available (ECPCRO284 or ECPCRO286)
- Working volume 1880 µl



## Primo® Lids for Screening plates and Assay Plates

Cat.	Description	Qty/case
ECPCR0281	Primo® 384 well Plate Lid, low profile, no condensation rings, sterile	100 lids
ECPCR0280	Primo® 384 well Plate Lid, low profile, no condensation rings, non sterile	100 lids
ECPCR0283	Primo® 96 well Plate Lid, low profile, condensation rings, sterile	80 lids
ECPCR0282	Primo® 96 well Plate Lid, low profile, condensation rings, non sterile	80 lids
ECPCR0284	Primo® 24 well Plate Lid, low profile, condensation rings, sterile	80 lids
ECPCR0286	Primo® 24 well Plate Lid, low profile, condensation rings, non sterile	80 lids



### Adhesive and Heat Seals for microplates and storage plates

You can choose between adhesive and heat sealing. Both offer a wide selection of materials to choose from depending on your application requirements. All seals are certified free from nucleases and human genomic DNA.

Most adhesive seals are supplied with convenient tabs on both ends for easy application.

These tabs also enable easy peeling to remove a seal without leaving adhesive residue on the sealing surface.

Heat seals are available as sheets for manual or semi-automatic heat sealers, and in roll formats for automated sealers. Heat sealing offers 100% effective sealing integrity, as well as being quick and cost effective.

Cat.	Optically Clear	Peelable	Gas Permeable	Moisture Barrier	Sterile	Min.Temp°C	Max temp°C
<b>Adhesive Seals</b>							
ECPCR0510		✓		✓		-20	80
ECPCR0517		✓	✓	✓		-20	40
ECPCR0517ST		✓	✓	✓	✓	-20	40
ECPCR0518		✓	✓	✓		0	40
ECPCR0518ST		✓	✓	✓	✓	0	40
ECPCR0512		✓		✓		-20	80
ECPCR0516/96	✓	✓	✓	✓	✓	-20	80
ECPCR0516/384	✓	✓	✓	✓	✓	-20	80
<b>Heat Seals</b>							
ECPCR0527		✓		✓		-20	80
ECPCR0597		✓	✓	✓		-20	80
ECPCR0597ST		✓	✓	✓	✓	-20	80
ECPCR0587		✓		✓		-80	40
ECPCR0541	✓	✓		✓		-20	80

Cat.	Description	Qty/case
ECPCR0510	Primo® Adhesive Transparent Seal	100 sheets
ECPCR0517	Primo® Air-O-seal, Hydrophobic Gas Permeable Adhesive Seal	100 sheets
ECPCR0517ST	Primo® Air-O-seal, Hydrophobic Gas Permeable Adhesive Seal (sterile)	100 sheets
ECPCR0518	Primo® Double Skin Breathable film	100 sheets
ECPCR0518ST	Primo® Double Skin Breathable film sterile	100 sheets
ECPCR0512	Primo® peelable DMSO Resistant Adhesive Foil	100 sheets
ECPCR0516/96	Primo® Gas permeable tissue culture seals for 96 well plates, sterile	100 sheets
ECPCR0516/384	Primo® Gas permeable tissue culture seals for 384 well plates, sterile	100 sheets
ECPCR0527	Primo® Black Seal	
ECPCR0597	Primo® Gas Permeable Seal Mk 2 (heat seal)	100 sheets
ECPCR0597ST	Primo® Gas Permeable Seal Mk 2, sterile (heat seal)	100 sheets
ECPCR0587	Primo® Peelable Seal DMSO resistant (heat seal)	100 sheets
ECPCR0541	Primo® Transparent Seal I	100 sheets

Please contact [tsa@euroclone.it](mailto:tsa@euroclone.it) for further technical details about adhesive and heat seals.



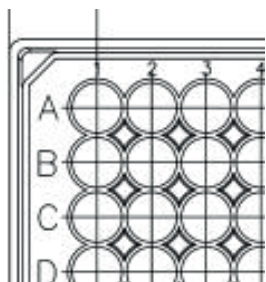
## Primo® Polypropylene Storage Plates

Polypropylene plates are mainly used for storage applications. Polypropylene has very low biomolecular binding properties, tolerates high temperatures and it is resistant to many standard laboratory chemicals, (including DMSO) making this material the best choice for storage plates.

For the production of Primo® Polypropylene Storage Plates, we select the highest medical grade virgin polypropylene with high chemical resistance against chemicals such as DMSO, phenol and chloroform. The production is made in clean room facilities, certified free from RNase, DNase, human genomic DNA and endotoxin.

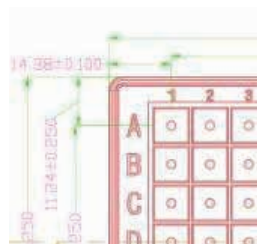
Primo® Polypropylene Storage Plates are available with different well shape and different well bottom shapes.

### Tips on choosing wells shape:



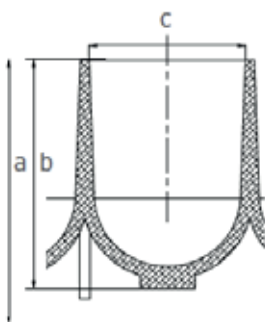
#### Round Wells

are suitable for most applications since they show reduced wicking and bubbling.



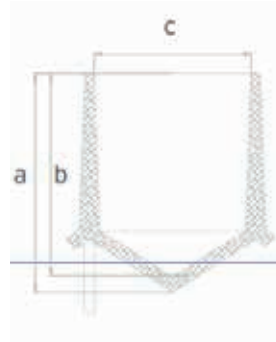
#### Square Wells

ensure the best use of space and improve sample mixing in particular when they are used for bacterial culture growth.



#### U-bottom

is most suitable for washing, mixing and pelleting and gives high surface area.



#### V-bottom

is most suitable for precipitation, centrifugation and small volume recovery.



## Primo® 384 and 96 Deep Square-Well Plate

Cat.	ECPCRO147	ECPCRO126	ECPCRO132	ECPCRO136
Well format	384	96	96	96
Well shape	V-bottom	U-bottom	V-bottom	U-bottom
Colour	natural	natural	natural	natural
Autoclavable	yes	yes	yes	yes
Max volume	190 µl	1.2 ml	2 ml	2.2 ml
Quantity	100	100	50	50
Compatible Sealing Mat	ECPCRO139	ECPCRO137		ECPCRO137

Cat.	Description	Qty/case
ECPCRO147	Primo® 190 µl, 384 Polypropylene deep square well Plate, V-bottom	100 plates
ECPCRO126	Primo® 1.2 ml, 96 Polypropylene deep square well Plate, U-bottom	100 plates
ECPCRO132	Primo® 2 ml, 96 Polypropylene deep square well Plate, V-bottom	50 plates
ECPCRO136	Primo® 2.2 ml, 96 Polypropylene deep square well Plate, U-bottom	50 plates

### Features

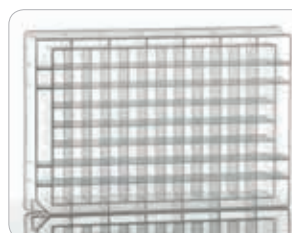
- Compatible with robotics and automation
- A small radius on each corner prevents sample wicking
- Barcode available on request
- Autoclavable
- Suitable for adhesive and heat sealing
- Sealing Mat available



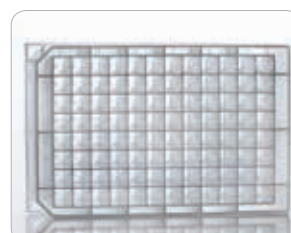
ECPCRO147



ECPCRO136



ECPCRO126



ECPCRO132

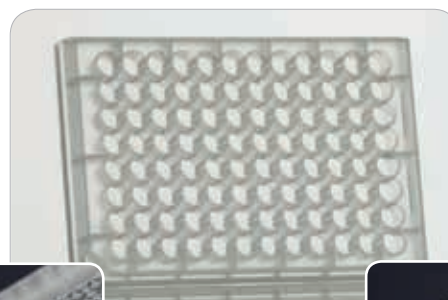
## Primo® 96 round-well Plate

Cat.	ECPCRO110	ECPCRO116	ECPCRO117
Well format	96	96	96
Well shape	U-bottom	U-bottom	V-bottom
Colour	natural	natural	natural
Autoclavable	yes	yes	yes
Max volume	300 µl	350 µl	330 µl
Quantity	100	100	100
Compatible Sealing Mat	-	ECPCRO138	ECPCRO138

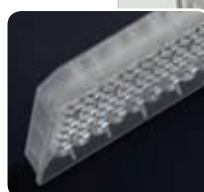
Cat.	Description	Qty/case
ECPCRO110	Primo® 300 µl, 96 Polypropylene round well Plate, U-bottom	100 plates
ECPCRO116	Primo® 350 µl, 96 Polypropylene round well Plate, U-bottom	100 plates
ECPCRO117	Primo® 330 µl, 96 Polypropylene round well Plate, V-bottom	100 plates

### Features

- Round wells maximise sample retrieval
- Compatible with robotics and automation
- Barcode available on request
- Autoclavable
- Suitable for adhesive and heat sealing
- Sealing Mat available



ECPCRO110



ECPCRO116



ECPCRO117

## Primo® 96 Deep Round-Well Plate

Cat.	ECPCRO120	ECPCRO130
Well format	96	96
Well shape	U-bottom	U-bottom
Colour	natural	natural
Autoclavable	yes	yes
Max volume	1.2 ml	2 ml
Quantity	100	100
Compatible Sealing Mat	ECPCRO135	ECPCRO138

Cat.	Description	Qty/case
ECPCRO120	Primo® 1.2 ml, 96 Polypropylene deep round well Plate, U-bottom	50 plates
ECPCRO130	Primo® 2 ml, 96 Polypropylene deep round well Plate, U-bottom	50 plates

### Features

- Round wells maximise sample retrieval
- Cross-contamination eliminated by chimney-style wells
- Compatible with robotics and automation
- Barcode available on request
- Autoclavable
- Suitable for adhesive and heat sealing
- Sealing Mat available



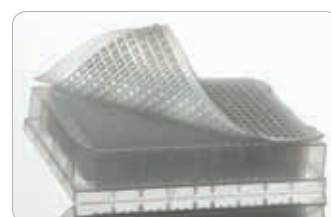
ECPCRO120

## Primo® sealing mat for polypropylene plates

Cat.	Description	Qty/case
ECPCRO139	Primo® 384 well square well silicon mat	50 mats
ECPCRO137	Primo® 96 well square well silicon mat	50 mats
ECPCRO138	Primo® 96 well round well silicon mat	50 mats
ECPCRO135	Primo® 96 well round well silicon mat (only for ECPCRO120)	50 mats



ECPCRO135



ECPCRO139

## Primo® Vacuum Filter Systems

Cat.	Description	Qty/case
EPVPV10250	Primo® Vacuum Filter Systems, 250 ml, 0,10 µm, PVDF	12
EPVPE22250	Primo® Vacuum Filter Systems, 250 ml, 0,22 µm, PES	12
EPVPE45250	Primo® Vacuum Filter Systems, 250 ml, 0,45 µm, PES	12
EPVPV10500	Primo® Vacuum Filter Systems, 500 ml, 0,10 µm, PVDF	12
EPVPE22500	Primo® Vacuum Filter Systems, 500 ml, 0,22 µm, PES	12
EPVPE45500	Primo® Vacuum Filter Systems, 500 ml, 0,45 µm, PES	12
EPVPV101000	Primo® Vacuum Filter Systems, 1000 ml, 0,10µm, PVDF	12
EPVPE221000	Primo® Vacuum Filter Systems, 1000 ml, 0,22 µm, PES	12
EPVPE451000	Primo® Vacuum Filter Systems, 1000 ml, 0,45 µm, PES	12

**PVDF** (Polyvinylidene fluoride) extremely low protein-binding; for filtration of non-aggressive aqueous and mild organic solutions, or where maximizing protein recovery is important.

**PES** (Polyethersulfone) low-affinity for proteins and extractable with substantially faster flow rates than PVDF; suitable for pre-filtration and filtration of buffers and culture media.

## Features

- 2 membrane types: PVDF e PES
- 3 membrane pore sizes: 0,1 – 0,22 e 0,45 µm
- 3 volume sizes: 250, 500 e 1000 ml
- Engraved graduation
- Sterile (gamma-irradiated)
- Individually packaged in peel-to-open plastic bag and receiver bottle cap is individually wrapped
- Non pyrogenic
- Membrane material and pore size printed on collar of each filter system
- Lot N° printed on each filter system



## Primo® Syringe Filters

Cat.	Description	Qty/case
EPSPV1030	Primo® Syringe Filters, PVDF, 0,10 µm pour size, 30 mm diameter	45
EPSPV2230	Primo® Syringe Filters, PVDF, 0,22 µm pour size, 30 mm diameter	45
EPSPV4530	Primo® Syringe Filters, PVDF, 0,45 µm pour size, 30 mm diameter	45
EPSPE2230	Primo® Syringe Filters, PES, 0,22 µm pour size, 30 mm diameter	45
EPSPE4530	Primo® Syringe Filters, PES, 0,45 µm pour size, 30 mm diameter	45

## Features

- Available with 2 membrane types: PVDF e PES
- Membrane area: 4,3 cm<sup>2</sup>
- Housing diameter: 30mm
- Housing material: Polypropylene
- 3 pore sizes: 0,10 - 0,22 - 0,45 µm
- Inlet luer lock female; Outlet luer slip male
- Color code: PVDF blue, PES green
- Sterile (gamma-irradiated)
- Individually packaged in peel-to-open paper/plastic blister pack
- Non-pyrogenic
- Lot N° for quality traceability on every box





## Primo® EZ tubes

Cat.	Description	Qty/case
ET5015B	Primo® EZ tubes 15 ml PP	25/500
ET5050B	Primo® EZ tubes 50 ml PP	25/500



## Features

- Available in 2 volumes: 15 and 50 ml
- Conical bottom
- Longer length screw caps with sealing ring prevent any leak
- Easy-to-read black graduations are accurate to  $\pm 2\%$ ; 1 ml increments for 15 ml tubes and 2.5 ml increments for 50 ml tubes
- Large frosted printed writing area
- Both the graduations and writing areas are chloroform-resistant
- Max RCF up to 12,000 g
- Autoclavable at 121°C and freezeable to -80°C
- Leak-proof
- Tubes are packaged in durable and re-sealable (zip closure) bags
- Inner packaging is individually labelled for lot-to-lot traceability
- Tubes are packaged with firmly closed caps and sterilized by gamma radiation
- Non-pyrogenic

## Primo® Screw Cap Tubes

Cat.	Description	Qty/Bag	Bags/Case
ET3315	1,5 ml conical tubes	50	10
ET3315SS	1,5 ml conical tube self standing	50	10
ET3320	2 ml conical tubes	50	10
ET3320SS	2 ml conical tubes self standing	50	10



## Features

- Made of polypropylene
- Sterile
- Without printed graduations
- With o-ring seal and flat top
- O-ring seal screw caps ensures uniform & secure closure
- Flat top caps are screwed on tubes and provide a writing area
- Flat surfaced caps can be used with automatic capping machines in packaging industries
- Tubes are supplied in natural colour
- Non skirted tubes can be centrifuged up to 20,000g
- Skirted tubes can be centrifuged up to 17,000g
- Tubes will withstand temperatures from -196°C to +121°C
- Suitable for sample collection, processing, centrifugation, long term storage, packing and shipping of enzymes or other reagents
- Perfect for cryogenic work
- Certified RNase, DNase, Pyrogen and DNA-free
- Package in durable plastic bags
- Available as self standing or non self standing shape

## Primo® Boil-Proof Microcentrifuge Tubes

Cat.	Description	Qty/Bag
ET3405	0,5 ml conical tubes	1000
ET3415	1,5 ml conical tubes	1000
ET3420	2 ml conical tubes	1000



### Features

- Made of polypropylene
- Available with 3 volume of 0.5, 1.5 and 2.0 ml
- Engraved graduation ensure accuracy
- Flat and frosted caps surface together with smooth and frosted body surface provide easy and legible mark
- Can be spun up to 16000 g
- Autoclavable at 121°C and freezable at -80°C
- Certified RNase, DNase, Pyrogen and DNA-free
- Package in easy opening plastic bags
- Every package bag is labelled with Lot N°

## Primo® Reservoirs

Cat.	Description	Qty/case
EPS501	Primo® Reservoir 50 ml individually packaged sterile	1/80
EPS520	Primo® Reservoir 50 ml individually packaged sterile	5/40



### Features

- Manufactured with modified polystyrene (PS)
- Sterile
- Disposable

## Primo® PET Pipets

Cat.	Description	Volume	Graduations	Negative Graduation (ml)	Qty Case
EPS01N	Primo® Pet pre-sterilized	1 ml	1/100	-0,3	100/500
EPS02N	Primo® Pet pre-sterilized	2 ml	1/100	-0,6	100/500
EPS05N	Primo® Pet pre-sterilized	5 ml	1/10	-3	50/200
EPS10N	Primo® Pet pre-sterilized	10 ml	1/10	-3	50/200
EPS25N	Primo® Pet pre-sterilized	25 ml	2/10	-8	50/150
EPS50N	Primo® Pet pre-sterilized	50 ml	5/10	-10	25/100



### Features

- Ideal for accurate liquid transfer or mix
- Available with 6 capacity of 1, 2, 5, 10, 25 ml and 50 ml
- Sterilized by gamma radiation
- Pipets of 1, 2 and 5 ml are stretched, while 10, 25 and 50 ml are ultrasonically welded at tip and mouth-piece
- Graduations are calibrated for accurate dispensing within  $\pm 2\%$
- Color-coded ring for easy identification
- Bidirectional graduations on the pipets provide added applicability
- Negative graduation allows additional working volume
- All pipets are supplied with a filter plug
- Strict leakage tested
- Non-pyrogenic
- Individually packed in peel-to-open wrap
- Lot for quality traceability on every cardboard box & on wrap of each single pipette
- Boxes have been designed for efficient bench top dispensing with a removable perforated front panel

## Primo® Mate

Cat.	Description	Qty/case
ECP2000	Primo® mate pipette controller	1



### Features

- Designed for the reproducible pipetting and dispensing of liquids
- Lightweight and ergonomically shaped handle
- Suitable for all types of pipettes (glass or plastic pipettes) 0,5-100 ml
- Smooth pushbuttons effectively control the input and output of liquids in pipettes
- HIGH or LOW work speed switches for delivery speed regulation
- Dispensing can be carried out by gravity (GRAV) or supported by pump (BLOW)
- Low battery light indicator
- Protected by hydrophobic autoclavable filter
- Nospiece with autoclavable pipette holder and safety valve

## Primo® Ice tubes & other devices for Cryogenics

Primo® Ice is EuroClone line of cryogenics. Designed for storing cells, blood, serum and other biological fluids at temperatures as low as -196°C, these sturdy polypropylene vials offer a high level of chemical resistance.

They are available in 2 different configurations and in 2 sizes from 2 ml and 5 ml. A large white marking area and printed graduations facilitate sample identification. Some models are freestanding while some others have round bottom. Self-standing vials have a locking base allowing opening and closing with only one hand while vials are used with the Primo® Rack workstation.

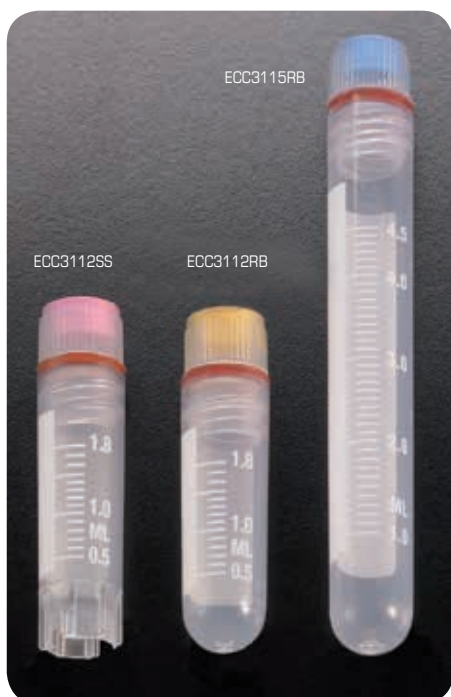
### Primo® Ice Vials Silicone o-ring seal

Made of special polypropylene. Designed for safe storage at temperatures as low as -196°C **but should be used only in the gas phase of liquid nitrogen.** Only 1 ¼ turn of the cap is sufficient to screw the cap on the vial. The specially formulated silicone o-ring ensures a positive leak proof seal at all temperatures. Closure and vial are both made of polypropylene having the same coefficient of expansion, ensuring an equally secure seal both at room temperature and at low cryogenic temperatures.

Tubes have a white marking area, can be colour coded with a Primo® Colour Coders (Series ECC33XXXX) and are compatible with most storage systems. Only the non skirted vials can be centrifuged, and up to 14,000 g. Sterilized by gamma radiation and packaged in unique tamperproof, resealable, safety-lock bags of 100.

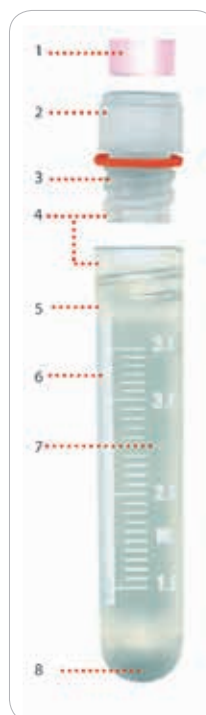
**Certified DNase-free, RNase-free, Pyrogen-free and DNA-free**

Cat.	volume (ml)	size (mm)	Selfstanding	Round bottom	Qty bag	Qty Cs
ECC3112SS	2	12,5x49	Y		100	1000
ECC3112RB	2	12,5x48		Y	100	1000
ECC3115RB	5	12,5x90		Y	100	1000

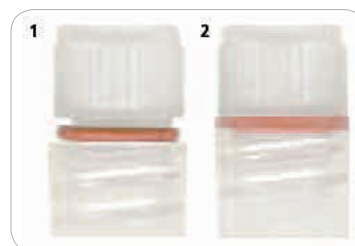


### Features

- A Primo® Colour coders is available in 11 different colours, (Series ECC33XXXX)
- Vertical ribs make cap easy to remove
- Super fast 1 ¼ turn thread design
- Both cap and tube are made of same polypropylene material, therefore same coefficient of expansion ensures secure seal at all temperature
- Thick wall makes vial almost unbreakable
- Large white marking area
- Excellent clarity makes samples easy to see
- Round bottom, very easy to empty contents completely
- One size is self-standing with universal locking base



1. Primo® Coders are available in 11 different colours
2. Vertical ribs facilitate cap remove
3. 1 ¼ turn thread design
4. Both cap and tube are made of same polypropylene material, therefore same coefficient of expansion ensures secure seal at all temperatures
5. Thick wall makes vial almost unbreakable
6. Large white marking area
7. Excellent clarity makes sample easy to see
8. Round bottom: very easy to empty contents completely



1. Positive leakproof seal is enhanced by a specially designed silicon o-ring round the cap
2. As you tighten it, you can feel the quality of your seal



## Primo® Ice Vial with lip seal

Made of special polypropylene. Designed for the storage of biological material, human or animal cells, at temperatures as low as  $-196^{\circ}\text{C}$  **but should be used only in the gas phase of liquid nitrogen**. The cap features a long skirt for easy one-handed aseptic technique, a super fast thread design allowing removal with only  $1\frac{1}{4}$  turn and an inside thread design that will not contribute to possible contamination.

This cap also features an exclusive silicon washer fitted inside the cap to ensure a positive seal at any temperature, even the lowest of cryogenic temperatures. The tubes are provided with a white marking area for sample identification and can be colour coded by the use of Primo® Colour Coders (Series ECC33XXXX), ECC3212RB can be centrifuged and up to 17,000 g. Vials are sterilized by gamma radiation and packaged in unique tamperproof, resealable, safety-lock bags of 100.

**Certified DNase-free, RNase-free, Pyrogen-free and DNA-free**

Cat.	volume (ml)	size (mm)	Selfstanding	Round bottom	Qty bag	Qty Cs
ECC3212RB	2	12,5x48		Y	100	1000
ECC3212SS	2	12,5x49	Y		100	1000
ECC3215SS	5	12,5x91	Y		100	1000

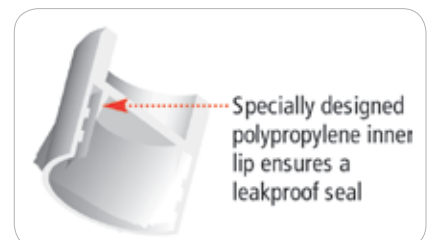


### Features

- Primo® Coders are available in 11 different colours, (Series ECC33XXXX)
- Vertical ribs make cap easy to remove
- Both cap and tube are made of same polypropylene material, therefore same coefficient of expansion ensures secure seal at all temperature
- Super fast  $1\frac{1}{4}$  turn thread design
- Wall makes vial almost unbreakable
- Large white marking area
- Excellent clarity makes samples easy to see
- Round bottom, very easy to empty contents completely
- Many size available as self-standing with universal locking base



1. Primo® Coders are available in 11 different colours
2. Vertical ribs facilitate cap remove
3. Both cap and tube are made of same polypropylene material, therefore same coefficient of expansion ensures secure seal at all temperatures
4.  $1\frac{1}{4}$  turn thread design
5. Thick wall makes vial almost unbreakable
6. Large white marking area
7. Excellent clarity makes sample easy to see
8. Round bottom: very easy to empty contents completely
9. 3 different sizes available for self-standing with universal locking base



## Primo® Colour Coders

Color coded inserts fit precisely into the cap of the Primo® Ice Vials for colour identification. Made of polypropylene.

Cat.n°	Colour	Qty/bag
ECC330001	white	500
ECC330002	lilac	500
ECC330003	burnt orange	500
ECC330004	violet	500
ECC330005	pink	500
ECC330006	blue	500
ECC330007	red	500
ECC330008	green	500
ECC330009	yellow	500
ECC330010	assortment of colours above	5 bags of 100
ECC330011	tan	500
ECC330012	gray	500



## Primo® Cane

Made of aluminium. For storage of up to five 1,2 or 2 ml Primo® Ice vials in liquid nitrogen containers.

Cat.n°	Lenght	Qty/bag	Qty/Cs
ECC340000	290 mm	12	48



## Primo® Rack for Ice Vials

This handy autoclavable rack can hold up to 50 cryogenic vials. Now with one hand, you can easily unscrew a Primo® Ice vial closure. Thanks to an innovative universal locking system, the vials will securely lock in each well and will not turn. Each position is identified with an alphanumeric index. Strong handles make it easy and safe to carry. It is supported by five anti-skid rubber feet. The rack is compact and stackable. Available in three attractive colors.

Cat.n°	Colour	Qty/bag
ECC350001	blue	4
ECC350002	red	4
ECC350003	lilac	4



## Primo® Omni-Labels



### Features

- Cryogenic plastic labels for long term storage in liquid nitrogen, deep freezing and harsh environments for biomedical research and clinical laboratories
- Temperature range: from -196°C to +120°C
- Cryo-labels accept desktop laser printing (black & white) and permanent markers
- Water resistant
- Autoclavable
- Wear and tear proof
- Resistant to UV and Gamma irradiation
- Cryo labels can be applied to already frozen tubes

### Permanent

Cat.	Label size (mm)	Color	Qty/Case
ECL2419	24 x 19.5	White	1248
ECL2419A1	24 x 19.5	Assorted (12 col.)	936
ECL3213	32.5 x 12.7	White	1764
ECL3222	32 x 22	White	1152
ECL3614	36 x 14	White	1520
ECL4520	45 x 20	White	832
ECL6725	66.7 x 25.4	White	480
ECL10251	102 x 51	White	160
ECL10285	102 x 84.7	White	96
ECLH9	9 circle diameter	White	5632
ECLH11	11 circle diameter	White	3456



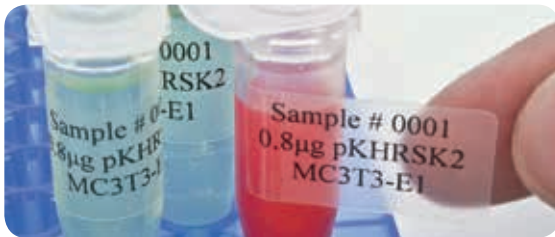
### Removable

Cat.	Label size (mm)	Color	Qty/Case
ECLR2413	23.9 x 12.7	White	2688
ECLR2413A1	23.9 x 12.7	Assorted (12 col.)	1680
ECLR3614	36 x 14	White	1520
ECLR3614A1	36 x 14	Assorted (12 col.)	950
ECLR6725	66.7 x 25.4	White	480
ECLR677	67 x 7	White	1824
ECLR7070	69.9 x 69.9	White	144



## Primo® Transparent Labels

Cat.	Label size (mm)	Qty/Case
EOT3211	32 x 11	488
EOT3222	32 x 22	432
EOT7025	69.9 x 25.4	500



### Features

- Transparent plastic label for long term storage in liquid nitrogen, deep freezing and harsh environments for biomedical research and clinical laboratories
- Temperature range: from -196°C to +100°C
- Easy to write on with permanent markers
- Resistant to multiple freeze-thaw cycles
- Labels have strong and permanent adhesion
- Resistant to boiling water
- Can be applied as a protective overlaminat

## Micro-Labels

Cat.	Label size (mm)	Color	Qty/Case
EHR2610	26 x 10	White	420
EHR2610A	26 x 10	Assorted (15 col.)	630
EHR205	20.1 x 5.1	White	864

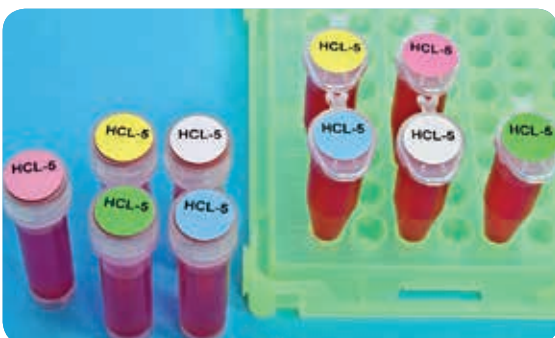


### Features

- Designed for identification of vials and microcentrifuge tubes for long-term storage and color coding in deep-freezing and harsh laboratory environments
- Temperature range : from -80°C to +120°C
- Easy to write on with permanent markers
- Water proof
- Resistant to multiple freeze-thaw cycles
- Labels are removable
- Resistant to boiling water and autoclaving
- Can be printed with black and white laser printers

## Primo® Dot-Labels

Cat.	Label size (mm)	Color	Qty/Case
ELT9	9 circle diameter	White	520
ELT9A	9 circle diameter	Assorted (10 col.)	1560
ELT11	11 circle diameter	White	462
ELT11A	11 circle diameter	Assorted (10 col.)	1155
ELT13	13 circle diameter	White	420
ELT13A	13 circle diameter	Assorted (10 col.)	900



### Features

- Designed for identification of vials and microcentrifuge tubes for long-term storage and color coding in deep-freezing and harsh laboratory environments
- Temperature range: from -80°C to +110°C
- Easy to write on with permanent markers
- Water proof
- Resistant to multiple freeze-thaw cycles
- Labels have strong and permanent adhesion
- Resistant to boiling water



## Primo® Tape

Cat.	Label size (mm)	Qty/Case
EAT1315	13 x 15	1
EAT1915	19 x 15	1



### Features

- White tape for cryogenic use
- Temperature range: from -196°C to +120°C
- Resistant to multiple freeze-thaw cycles, liquid nitrogen and dry ice
- Resistant to boiling water, autoclaving and gamma irradiation
- Labels have strong and permanent adhesion

## Primo® Laminate Tape

Cat	Label size (mm)	Qty/Case
EAM1960	19 x 60	1
EAM2560	25 x 60	1



### Features

- Ultra thin and transparent laminate provides excellent protection against most chemicals and reagents
- Temperature range: from -196°C to +120°C
- Resistant to multiple freeze-thaw cycles, liquid nitrogen and dry ice
- Resistant to boiling water and autoclaving
- Labels have strong and permanent adhesion

## Primo® Permanent Pen

Cat.	Description	Qty/Case
EMS1	Black	1
EMS4	Green	1



### Features

- Alcohol and water resistant, permanent marking

## Primo® Dual Marker

Cat.	Description	Qty/Case
EMD1	Black	1
EMD2	Blue	1
EMD3	Red	1
EMD4	Green	1
EMD5	Purple	1
EMD6	Orange	1



### Features

- Excellent performance on plastic, glass, metal, cloth and other surfaces
- Extra-fine and fine pen
- Dual point permanent ink cryogenic marker
- Durable and easy to handle
- Low odour, permanent and waterproof

## Primo® Micro Marker

Cat.	Description	Qty/Case
EMF1	Black	1
EMF2	Blue	1
EMF3	Red	1



### Features

- Micro tip permanent ink cryogenic marker
- Ultra fine line 0.25 mm
- Hard plastic tips are protected by metals sleeves and will not split
- So lines are clean and precise every time
- Permanent and waterproof
- Excellent performances where detailed writing is required, such as marking on micro-tubes, PCR tubes cryo-vials, labels, X-ray, photographic films...

## Liquid Media and cell culture reagents

EuroClone utilizes its state-of-the-art filtration and aseptic fill technologies to manufacture the EuroClone line of liquid media and reagents.

All facilities and processes are thoroughly validated to ensure that our products meet EuroClone quality standards.

All manufacturing equipment are composed of chemically inert materials to avoid contaminating the final product.

EuroClone produces cell culture media and reagents respecting strict environmental regulations regarding sanitary conditions and moisture. Humidity and temperature are constantly monitored.

The sterilisation step is carried out by use of 0.1µm pore sized sterile filter.

All liquid products are manufactured using Water For Injection (WFI) Quality Water.

Tightly controlled conditions and stringent protocols applied at every step, as well as numerous sterility tests, guarantee our customers that each batch meets the highest quality criteria and all product specifications.

EuroClone liquid media are packaged in inert polyethylene (PETG) plastic bottles.



## Sera

The production process starts with the collection of the raw material, based on a closed sterile bag system to avoid bacterial contamination which would result in the presence of endotoxins.

Serum is transported and stored at - 20 °C, the temperature is monitored so that any anomaly can be traced; quality and sterility are guaranteed. The raw serum is collected from South America, EU and USDA approved areas.

The quality of our sera is checked at each step of the production process. The sterile serum is true-pooled to ensure homogeneity. Serum is filtered through a series of three 0.1 µm pore-size filters. The filtration and dispensing are performed under positive pressure in HEPA filtered environmentally controlled rooms.

EuroClone sera are packaged via an aseptic filling process.

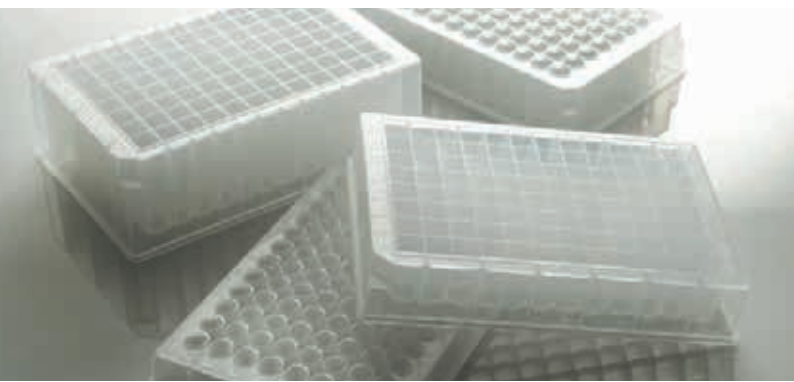
All the products are controlled for the presence of viruses, mycoplasma, bacteria and fungi.

Although FBS and other bovine sera are the most commonly used serum products, many other sera from different species are available, ranging from Human Serum to sera from other species like horse, chicken, goat and rabbit.

FBS is considered to be an animal by-product which is not intended for human consumption.







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Quality Management Systems certified according to ISO 9001 and ISO 13485 international standards