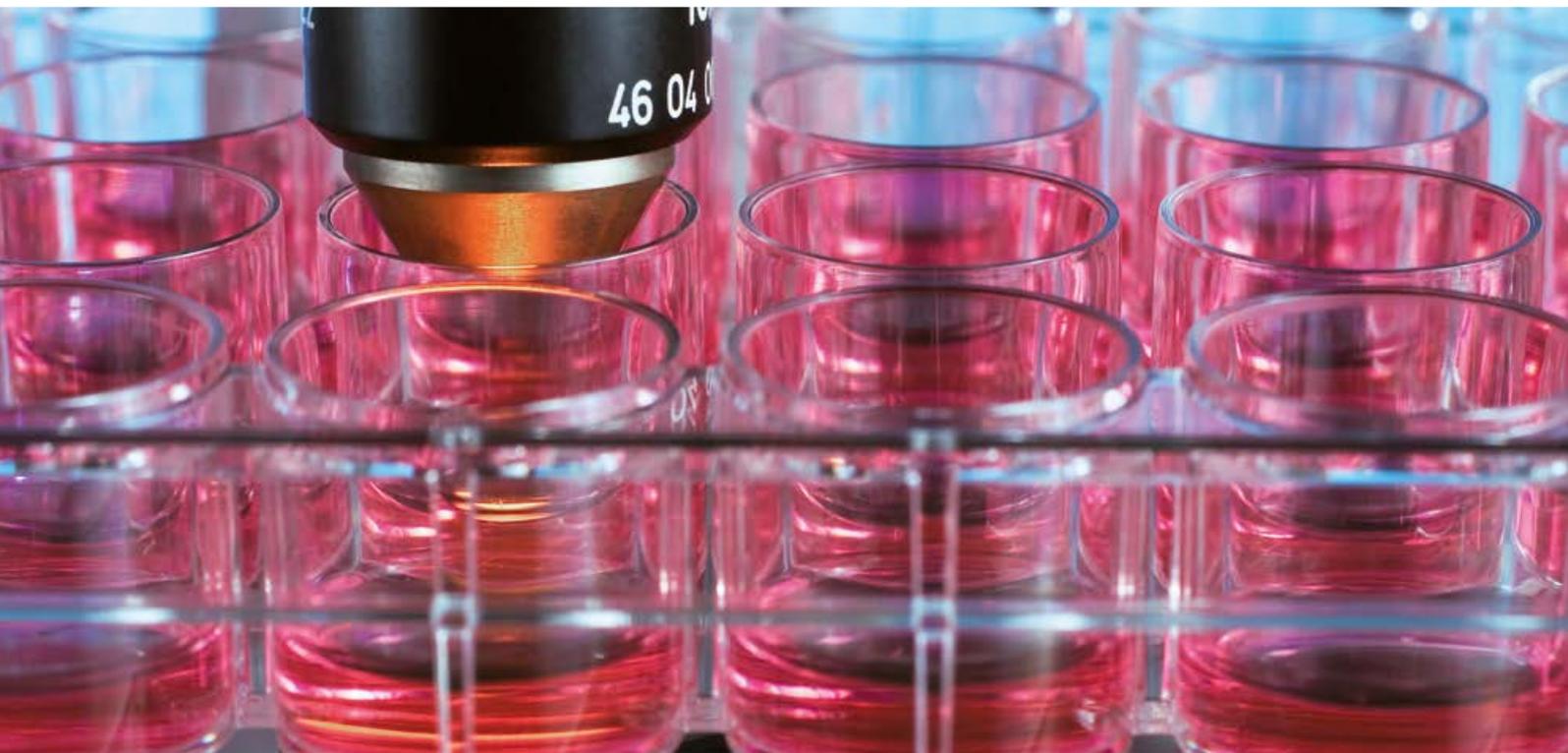


CELL CULTURE  
PLASTICWARE



*Euro*  *Clone*<sup>®</sup>

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# INTRODUCTION

Since our establishment in the early 80's, Euroclone has given scientists a valuable opportunity to gain access to a world of products and equipment in Biotechnology.

During more than three decades of experience, our Company has evolved into a modern supplier of up-to-date and own-branded products, pursuing affordability and quality: all manufacturing procedures are strictly regulated with raw materials, bulks and final products undergoing stringent controls.

Euroclone provides innovative products, services and solutions for Molecular and Cell Biology, Genomics, Proteomics, Cytogenetics and Agro-Food Diagnostics.

From the choice of high-quality products to the after sales service, Euroclone is your reliable and solid partner for your scientific challenges.

In 2019 Euroclone is acquired by AddLife AB becoming part of an important international group. This step ensure continuity and further expansion of the company in the Italian market and in the export of the proprietary private lines, key and distinctive element of the identity of Euroclone.

# PRIMO<sup>®</sup> CELL CULTURE CONSUMABLE AND GENERAL MICROPLATES

Primo<sup>®</sup> Cell Culture is the new serie of products developed by Euroclone to satisfy high demanding scientists' needs.

Primo<sup>®</sup> Cell Culture has been innovatively designed by our engineers. The entire of Primo<sup>®</sup>'s product line is manufactured in clean-room environment under a ISO 9001-13485 Quality System. Primo<sup>®</sup> 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<sup>®</sup> 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 consumable

### 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 sheer 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.

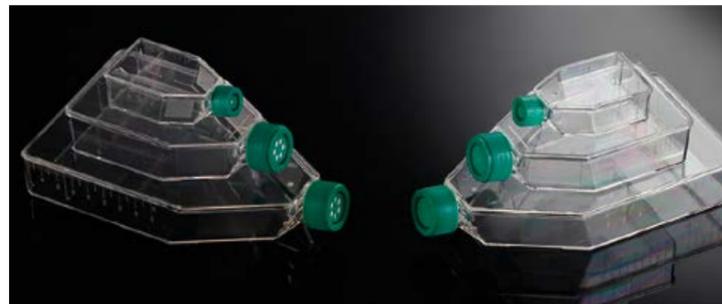
#### Features

- 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 irradiation
- 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

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
Q.ty bag/case	10/200	10/200	5/100	5/100	5/40	5/40

#### Ordering information

Cat.	Description	Q.ty/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



## 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.

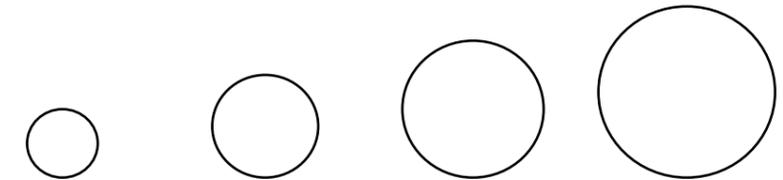
#### Features

- 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 irradiation
- Certified non-pyrogenic
- Package in durable zip resealable self-standing plastic bags allowing flasks to remain upright and reducing contamination
- Every package bag is labeled with lot N° for quality traceability



#### Ordering information

Cat.	Description	Q.ty/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



#### 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.

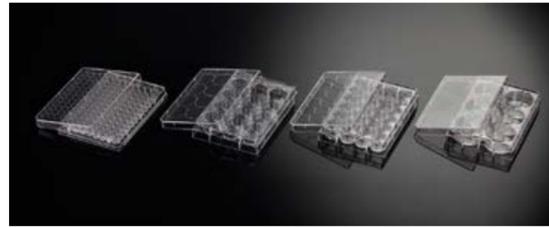
#### Features

- 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 to reduce 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 irradiation
- Certified non-pyrogenic
- Individually packed in peel-to-open paper/plastic blister pack
- Every plate is printed with lot N° & expiry date for quality traceability

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

## Ordering information

Cat.	Description	Q.ty/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



## Primo® Cell Scraper



## 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
- This particularly thin, swivelling & flexible blade is easy to use & minimizes cells damage
- Sterilized by Gamma irradiation
- Individually wrapped
- Certified non-pyrogenic
- Lot N° for quality traceability on every envelop

## Ordering information

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

## Primo® Cell Lifter



## Features

- Manufactured with exclusively high-grade polyethylene (PE)
- 19 mm beveled edge blade on one end & 9 mm 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
- Certified non-pyrogenic
- Lot N° for quality traceability on every envelop

## Ordering information

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

## 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". Moreover, 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.

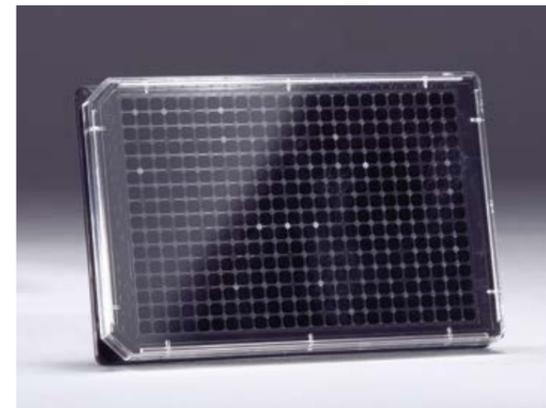
## Improved Cell Adhesion

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



ECPCR0201BL

## Features

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

Cat.	ECPCR0201BL	ECPCR0203BL	ECPCR0204BL
Well format	384	384	384
Well bottom	clear	clear	clear
Colour	black	black	black
Sterile	yes	yes	no
Surface treatment	TC	-	-
Growth Area (mm <sup>2</sup> )	10	10	10
Max volume (µl)	120	120	120
Working volume (µl)	15 - 110	15 - 110	15 - 110
Quantity	24	30	30
Lid	+	-	-

## Ordering information

Cat.	Description	Color	Q.ty/case
ECPCR0201BL	Primo® Screening Plate 384 well TC treated, sterile (with lids)	black	24 plates
ECPCR0203BL	Primo® Screening Plate 384 well, untreated, sterile (no lids)	black	30 plates
ECPCR0204BL	Primo® Screening Plate 384 well, untreated, non sterile (no lids)	black	30 plates

## 96 well Primo® Screening Plate



ECPCR0222

## Features

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

Cat.	ECPCR0221	ECPCR0223	ECPCR0224
Well format	96	96	96
Well bottom	clear	clear	clear
Colour	black	black	black
Sterile	yes	yes	no
Surface treatment	TC	-	-
Growth Area (mm <sup>2</sup> )	32	34	32
Max volume (µl)	50	350	350
Working volume (µl)	25 - 340	25 - 340	25 - 340
Quantity	24	30	30
Lid	+	-	-

## Ordering information

Cat.	Description	Color	Q.ty/case
ECPCR0221	Primo® Screening Plate 96 well TC treated, sterile (with lids)	black	24 plates
ECPCR0223	Primo® Screening Plate 96 well, sterile (no lids)	black	30 plates
ECPCR0224	Primo® Screening Plate 96 well, non sterile (no lids)	black	30 plates

## 24 well Primo® Screening Plate



ECPCR0241

## Features

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

Cat.	ECPCR0241	ECPCR0243	ECPCR0244
Well format	24	24	24
Well bottom	clear	clear	clear
Colour	black	black	black
Sterile	yes	yes	no
Surface treatment	TC	-	-
Growth Area (mm <sup>2</sup> )	165	165	165
Max volume (µl)	2.5	2.5	2.5
Working volume (µl)	0.5 - 1.9	0.5 - 1.9	0.5 - 1.9
Quantity	24	30	30
Lid	+	-	-

## Ordering information

Cat.	Description	Color	Q.ty/case
ECPCR0241	Primo® Screening Plate 24 well TC treated, sterile (with lids)	black	24 plates
ECPCR0243	Primo® Screening Plate 24 well, sterile (no lids)	black	30 plates
ECPCR0244	Primo® Screening Plate 24 well, non sterile (no lids)	black	30 plates

## Primo® UV plates

Primo® UV are ultra clear base plates allowing DNA measurements at 260/280 nm wavelengths in a medium or high throughput context. The plates fit most microplate readers and can be easily handled by robotic systems.



ECPCR0214

## Features

- Ultraclear base improves transmission for low wavelengths
- 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 µl for 384 well plates and 350 µl for 96 well plates

## Ordering information

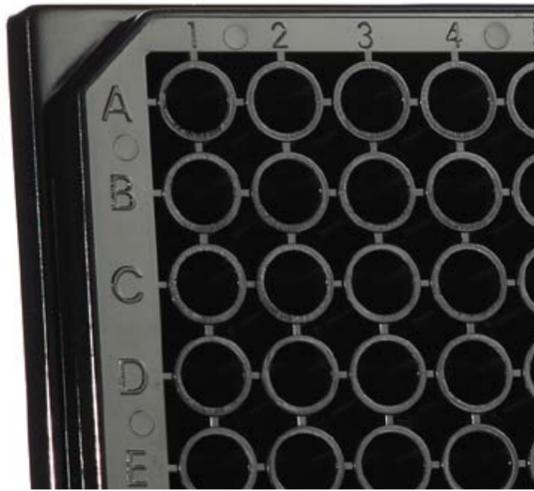
Cat.	Description	Color	Q.ty/case
ECPCR0214	Primo® UV Plate 384 wells, UV base, non-sterile, (no lids)	black	30 plates
ECPCR0234	Primo® UV Plate 96 wells, UV base, non-sterile, (no lids)	clear	30 plates



ECPCR0234

## 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

### 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



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

### Ordering information

Cat.	Description	Color	Q.ty/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

## 96 well Assay 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



Cat.	ECPCR0263	ECPCR0273
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	ECPCR0282 / ECPCR0283	ECPCR0282 / ECPCR0283

\* Sterilisation on request

### Ordering information

Cat.	Description	Color	Q.ty/case
ECPCR0263	Primo® 96 well Assay Plate, non-sterile	black	100 plates
ECPCR0273	Primo® 96 well Assay Plate, non-sterile	white	100 plates

## 24 well Assay 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 (ECPCR0284 or ECPCR0286)
- Working volume 1880 µl

Cat.	ECPCR0262
Well format	24
Well shape	F-bottom
Colour	black
Sterile*	no
Working volume	1880 µl
Quantity	100
Compatible Lid	ECPCR0284 / ECPCR0286

\* Sterilisation on request

## Ordering information

Cat.	Description	Color	Q.ty/case
ECPCR0262	Primo® 24 well Assay Plate, non-sterile	black	100 plates

## Primo® Lids for Screening plates and Assay Plates

## Ordering information

Cat.	Description	Q.ty/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

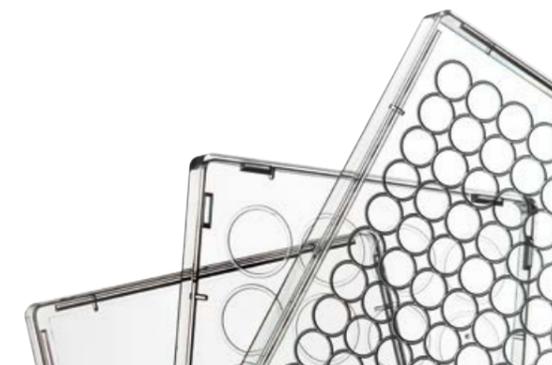
## Adhesive and Heat Seals for microplates and storage plates

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

## Ordering information

Cat.	Description	Q.ty/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	100 sheets
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

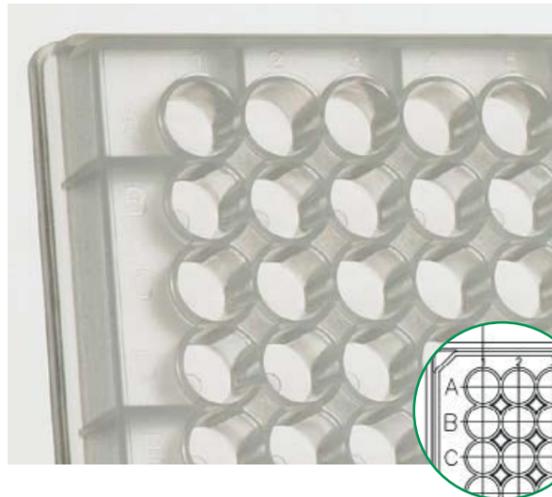
Please contact [tsa@euroclone.it](mailto:tsa@euroclone.it) for further technical details about adhesive and heat seals.

## 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.

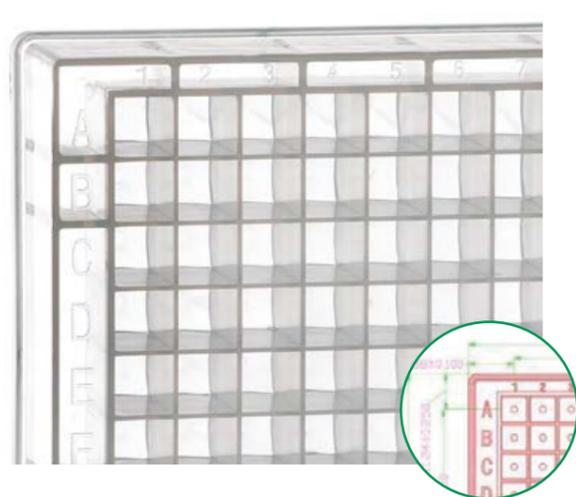
Primo® Polypropylene Storage Plates are available with different well shape and different well bottom shapes.

**Tips on choosing wells shape:**



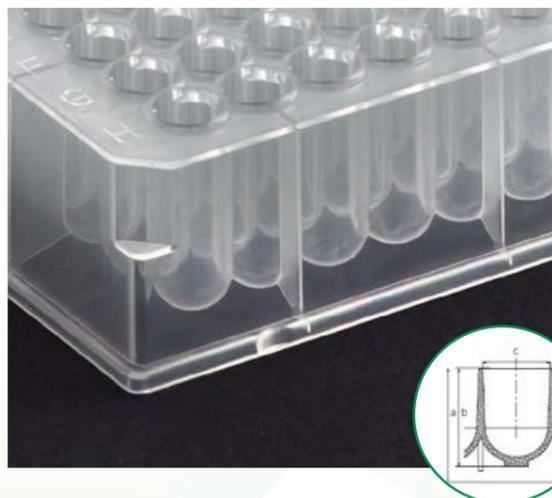
### Round Wells

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



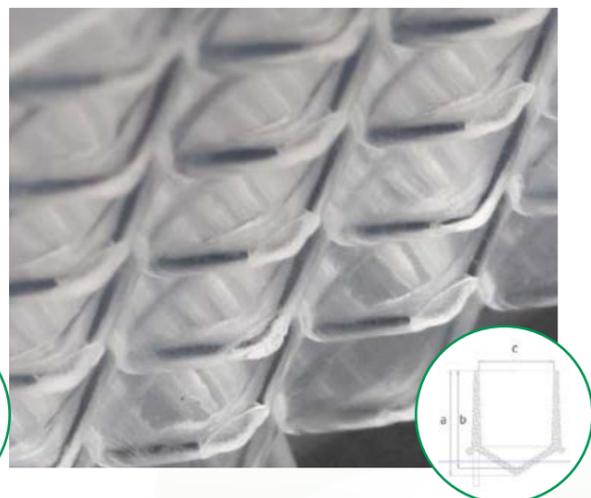
### Square Wells

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

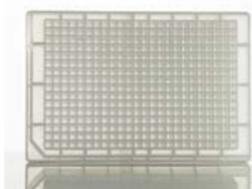
### Features

- 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

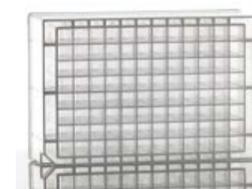
Cat.	ECPCR0147	ECPCR0126	ECPCR0132	ECPCR0136
Well format	384	96	96	96
Well shape	V-bottom	U-bottom	V-bottom	U-bottom
Colour	natural	natural	natural	natural
Autoclavable	yes	yes	yes	yes
Max volume	190 µl	1.2 ml	2 ml	2.2 ml
Quantity	100	100	50	50
Compatible Sealing Mat	ECPCR0139	ECPCR0137	-	ECPCR0137

### Ordering information

Cat.	Description	Q.ty/case
ECPCR0147	Primo® 190 µl, 384 Polypropylene deep square well Plate, V-bottom	100 plates
ECPCR0126	Primo® 1.2 ml, 96 Polypropylene deep square well Plate, U-bottom	100 plates
ECPCR0132	Primo® 2 ml, 96 Polypropylene deep square well Plate, V-bottom	50 plates
ECPCR0136	Primo® 2.2 ml, 96 Polypropylene deep square well Plate, U-bottom	50 plates



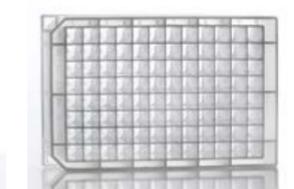
ECPCR0147



ECPCR0136



ECPCR0126



ECPCR0132

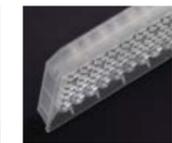
## Primo® 96 round-well Plate

### 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



ECPCR0110



ECPCR0116



ECPCR0117

Cat.	ECPCR0110	ECPCR0116	ECPCR0117
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	-	ECPCR0138	ECPCR0138

### Ordering information

Cat.	Description	Q.ty/case
ECPCR0110	Primo® 300 µl, 96 Polypropylene round well Plate, U-bottom	100 plates
ECPCR0116	Primo® 350 µl, 96 Polypropylene round well Plate, U-bottom	100 plates
ECPCR0117	Primo® 330 µl, 96 Polypropylene round well Plate, V-bottom	100 plates

## Primo® 96 Deep Round-Well Plate

### 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

Cat.	ECPCR0120	ECPCR0130
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	ECPCR0135	ECPCR0138



ECPCR0120

### Ordering information

Cat.	Description	Q.ty/case
ECPCR0120	Primo® 1.2 ml, 96 Polypropylene deep round well Plate, U-bottom	50 plates
ECPCR0130	Primo® 2 ml, 96 Polypropylene deep round well Plate, U-bottom	50 plates

## Primo® sealing mat for polypropylene plates

### Ordering information

Cat.	Description	Q.ty/case
ECPCR0139	Primo® 384 well square well silicon mat	50 mats
ECPCR0137	Primo® 96 well square well silicon mat	50 mats
ECPCR0138	Primo® 96 well round well silicon mat	50 mats
ECPCR0135	Primo® 96 well round well silicon mat (only for ECPCR0120)	50 mats



ECPCR0135



ECPCR0139

## Filtration System

### Primo® Vacuum Filter Systems

#### Features

- Membrane PES
- 2 pore sizes' membrane: 0.22 e 0.45 µm
- 3 volume sizes: 250, 500 e 1000 ml
- Engraved graduation
- Sterilized by gamma irradiation
- Individually packed in peel-to-open plastic bag
- Receiver bottle cap is individually wrapped
- Certified non-pyrogenic
- Membrane material and pore size printed on each filter system's collar
- Lot N° printed on each filter system



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

### Ordering information

Cat.	Description	Q.ty/case
EPVPE22250	Primo® Vacuum Filter Systems, 250 ml, 0.22 µm, PES	12
EPVPE45250	Primo® Vacuum Filter Systems, 250 ml, 0.45 µm, PES	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
EPVPE221000	Primo® Vacuum Filter Systems, 1000 ml, 0.22 µm, PES	12

### Primo® Syringe Filters

#### Features

- Available with 2 membrane types: PVDF e PES
- Membrane area: 4.3 cm<sup>2</sup>
- Housing diameter: 30 mm
- Housing material: Polypropylene
- 2 pore sizes: 0.22 - 0.45 µm
- Inlet luer lock female; Outlet luer slip male
- Color code: PVDF blue, PES green
- Sterilized by gamma irradiation
- Individually packed in peel-to-open paper/plastic blister pack
- Certified non-pyrogenic
- Lot N° for quality traceability on every box



### Ordering information

Cat.	Description	Q.ty/case
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

## Liquid Handling

### Primo® EZ tubes

#### Features

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



ET5015B



ET5050B

#### Ordering information

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

### Primo® Boil-Proof Microcentrifuge Tubes

#### Features

- Made of polypropylene
- Available with 3 volume of 0.5, 1.5 and 2.0 ml
- Engraved graduation ensure accuracy
- Flat and frosted cap surface together with smooth and frosted body surface provides easy and legible mark
- Can be spun up to 16,000 g
- Autoclavable at 121°C and freezeable at -80°C
- Certified RNase/DNase free
- Certified non-pyrogenic
- Package in easy opening plastic bags
- Every package bag is labelled with Lot N°



ET3405

ET3420

#### Ordering information

Cat.	Description	Bag
ET3405	0.5 ml conical tubes	1000
ET3415	1.5 ml conical tubes	1000
ET3420	2 ml conical tubes	1000

### Primo® Reservoirs

#### Features

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



#### Ordering information

Cat.	Description	Bag
EPS501	Primo® Reservoir 50 ml individually packed sterile	1/80
EPS520	Primo® Reservoir 50 ml individually packed sterile	5/200

### Primo® PET Pipets

#### 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 irradiation
- Graduations are calibrated for accurate dispensing within  $\pm 2\%$
- Color-coded ring for easy identification
- Bidirectional graduations on the pipets provides additional applicability
- Negative graduation allows additional working volume
- All pipets are supplied with a filter plug
- Strict leakage tested
- Certified non-pyrogenic
- Individually packed in peel-to-open wrap (paper/plastic)
- Lot for quality traceability on every cardboard box & on wrap of each single pipette wrap
- Boxes have been designed for efficient bench top dispensing with a removable perforated front panel



#### Ordering information

Cat.	Description	Volume	Graduations	Negative Graduation (ml)	Q.ty/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

### Primo® Mate

Primo® mate is a revolutionary engine powered pipetting aid designed for cordless work with glass or plastic pipettes in the 1 - 100 ml range. Carefully modeled lightweight handle, together with smooth pushbuttons guarantee effortless pipetting even during extensive use. For convenient storage our device is equipped with "rest wings". Easily accessible switches allow to choose different operation modes depending on pipette volume and liquid viscosity. In order to protect the device against overfilling we equipped the Primo® mate with PTFE filters and safety valve, blocking any liquid from entering the unit. The filter and pipette holder can be easily exchanged and autoclaved.

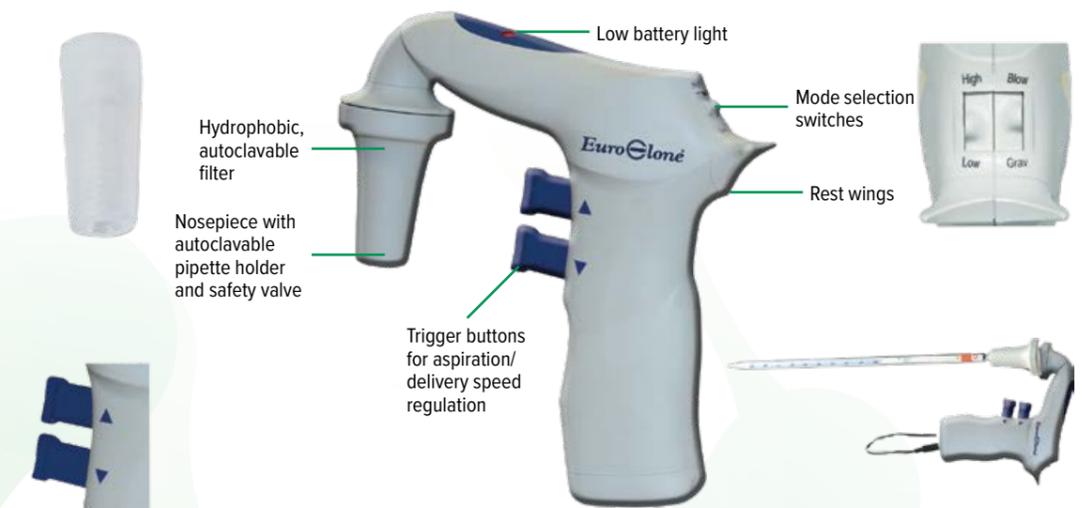
#### Features

- Designed for reproducible pipetting and liquids dispensing
- 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
- Nosepiece with autoclavable pipette holder and safety valve
- Ergonomically shaped handle
- Sensitivity valves for precise work with low volume pipettes

#### Ordering information

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



## Primo® mechanical pipettes

High quality devices to guarantee maximum precision and reproducibility of measurement.

- ✓ Fully autoclavable
- ✓ UV resistant
- ✓ Ultra low pipetting forces
- ✓ Easy recalibration system
- ✓ 3 years warranty



	Code	Description	Volume [µl]	Accuracy [%]*	Precision [%]*
Single Channel	ECP10002	Single channel mechanical pipette Primo® 0.2 - 2 µl	0.2 1.0 Max 2.0	± 12.0 ± 2.7 ± 1.5	± 2.8 ± 0.6 ± 0.4
	ECP10010	Single channel mechanical pipette Primo® 0.5 - 10 µl	Min 0.5 5.0 Max 10.0	± 4.0 ± 1.0 ± 0.5	± 2.8 ± 0.6 ± 0.4
	ECP10020	Single channel mechanical pipette Primo® 2 - 20 µl	Min 2 10 Max 20	± 3.0 ± 1.0 ± 0.8	± 1.5 ± 0.5 ± 0.3
	ECP10100	Single channel mechanical pipette Primo® 10 - 100 µl	Min 10 50 Max 100	± 1.6 ± 0.8 ± 0.8	± 0.80 ± 0.24 ± 0.20
	ECP10200	Single channel mechanical pipette Primo® 20 - 200 µl	Min 20 100 Max 200	± 1.2 ± 0.8 ± 0.6	± 0.60 ± 0.25 ± 0.20
	ECP11000	Single channel mechanical pipette Primo® 100 - 1000 µl	Min 100 500 Max 1000	± 1.6 ± 0.7 ± 0.6	± 0.40 ± 0.20 ± 0.15
Multichannel	ECP80010 (+)	Mechanical pipette 8 channel Primo® 0.5 - 10 µl	Min 0.5 5	±10.0 ±4.0	± 8.0 ± 2.0
	ECP12010 (#)	Mechanical pipette 12 channel Primo® 0.5 - 10 µl	Max 10	±2.0	± 1.2
	ECP80050 (+)	Mechanical pipette 8 channel Primo® 5 - 50 µl	Min 5 25	±4.0 ±3.0	± 2.5 ± 1.2
	ECP12050 (#)	Mechanical pipette 12 channel Primo® 5 - 50 µl	Max 50	±1.6	± 0.6
	ECP80200 (+)	Mechanical pipette 8 channel Primo® 20 - 200 µl	Min 20 100	±3.0 ±1.5	± 3.0 ± 1.5
	ECP12200 (#)	Mechanical pipette 12 channel Primo® 20 - 200 µl	Max 200	±1.0	± 1.0
	ECP80300 (+)	Mechanical pipette 8 channel Primo® 50 - 300 µl	Min 50 150	±1.6 ±1.2	± 1.5 ± 1.0
	ECP12300 (#)	Mechanical pipette 12 channel Primo® 50 - 300 µl	Max 300	±1.0	± 0.6

(\* The accuracy and precision (repeatability) of liquid volume depend on the quality of tips used. The values for accuracy and precision given in the table below were obtained using Euroclone tips.

(+) 8 Channel

(#) 12 Channel

## Ordering information

Cat.	Description
ECP1KIT1	Kit Single Channel Primo® 1x (0.5 - 10 µl), 1x (10 - 100 µl), 1x (100 - 1000 µl)
ECP1KIT2	Kit Single Channel Primo® 1x (2 - 20 µl), 1x (20 - 200 µl), 1x (100 - 1000 µl)
ECP1KIT3	Kit Single Channel Primo® 2x (0.5 - 10 µl), 1x (10 - 100 µl)

## Primo® filter tips

- ✓ With high quality without cellulose additives, made to avoid cross-contamination
- ✓ Crystal clear quality
- ✓ Accurate graduation marks
- ✓ Low Retention properties
- ✓ Certified DNase, RNase, Human DNA, Pyrogen, PCR Inhibitors Free
- ✓ Sterile packaging
- ✓ Compatible with most pipettes available on the market



## Ordering information

Code	Description	Format
ECTD00010	Primo® filter tips 0.1 - 10 µl, Sterile, Low Retention, racked	10x96 pcs
ECTD00011	Primo® filter tips 0.1 - 10 µl, Long, Sterile, Low Retention, racked	10x96 pcs
ECTD00020	Primo® filter tips 2 - 20 µl, Sterile, Low Retention, racked	10x96 pcs
ECTD00100	Primo® filter tips 2 - 100 µl, Sterile, Low Retention, racked	10x96 pcs
ECTD00200	Primo® filter tips 2 - 200 µl, Sterile, Low Retention, racked	10x96 pcs
ECTD00300	Primo® filter tips 2 - 300 µl, Sterile, Low Retention, racked	10x96 pcs
ECTD01005	Primo® filter tips 100 - 1000 µl, Sterile, Low Retention, racked	8x96 pcs

## Primo® tips

- ✓ Without filter
- ✓ Not sterile
- ✓ Autoclavable
- ✓ Available in: Bulk, Rack and Refill Kit

## Ordering information

Code	Description	Format
<b>Bag Not Sterile</b>		
ECTD10010	Primo® tips 0.1 - 10 µl, clear, bag	1000 pcs
ECTD10011	Primo® tips 0.1 - 10 µl, long, clear, bag	1000 pcs
ECTD10200	Primo® tips 2 - 200 µl, clear, bag	1000 pcs
ECTD10300	Primo® tips 2 - 300 µl, clear, bag	1000 pcs
ECTD51000	Primo® tips 100 - 1000 µl, clear, bag	1000 pcs
<b>Rack Not Sterile</b>		
ECTD50010RN	Primo® tips 0.1 - 10 µl, Racked	10x96 pcs
ECTD50011RN	Primo® tips 0.1 - 10 µl, Long, Racked	10x96 pcs
ECTD50200RN	Primo® tips 2 - 200 µl, Clear, Racked	10x96 pcs
ECTD50300RN	Primo® tips 2 - 300 µl, Clear, Racked	10x96 pcs
ECTD51000RN	Primo® tips 100 - 1000 µl, Clear, Racked	8x96 pcs
<b>Refill Not Sterile</b>		
ECTD50010RL	Primo® tips 0.1 - 10 µl, Clear, Refill Kit	10x96 pcs
ECTD50011RL	Primo® tips 0.1 - 10 µl, Long, Clear, Refill Kit	10x96 pcs
ECTD50200RL	Primo® tips 2 - 200 µl, Clear, Refill Kit	10x96 pcs
ECTD51000RL	Primo® tips 100 - 1000 µl, Clear, Refill Kit	5x96 pcs

## Primo® rack for Refill Kit

Primo® reloading tips system is the perfect choice for users wishing to save on plastic waste and storage space and is extremely easy to use. Primo® empty tips racks are autoclavable and can be reused permanently.

### Ordering information

Code	Description	Format
ECTD50010E	Primo® rack for 10 µl reload tips	50 pcs
ECTD50011E	Primo® rack for 10 µl long reload tips	50 pcs
ECTD50200E	Primo® rack for 200 µl reload tips	50 pcs
ECTD51000E	Primo® rack for 1000 µl reload tips	32 pcs



The background is a solid teal color with a pattern of overlapping, organic, bubble-like shapes in various shades of green, ranging from light lime to dark forest green. The shapes are irregular and interconnected, creating a textured, cellular appearance.

SERVICES

## Services

Our Services have been developed to support the everyday life of Researcher and to offer flexible solutions responding to customers' needs.

### Stockroom

A Stockroom\* is a storage place for our products created directly at the customer's site: all researchers have access to Euroclone's kits and reagents directly from their Institute (University or Hospital). The Researcher is free to take an item from the Stockroom whenever needed; every month the customer will get a summary of the pickings and the corresponding order will be processed.

The stocks are automatically reinstated by Euroclone based on customer's consumption.

The list of products available in stock is completely customizable and can be modified at any time.

### Virtual Stockroom

The Virtual Stockroom service\* allows customers to place orders online through a reserved portal; it is a special system which makes purchase simple and still compliant with MEPA requirements (Mercato Elettronico della Pubblica Amministrazione). Virtual StockRoom's customers not only have dedicated annual supply conditions and offers, but also can take advantage of temporary promotions, both for Euroclone branded products and for distributed product lines.

The ordering procedure is customizable according to the customer's needs.

*\*Stockroom and Virtual Stockroom are services available only in Italy.*

### Scheduled annual deliveries

The annual order with the scheduling of deliveries, on agreed dates, allows to avoid problems and delays and always be provided with the right supply of products.

### Technical Sales Specialist

Euroclone technical specialists are available providing a wide range of services to support all needs (both for Euroclone products and for distributed products) thus offering important direct support on the Italian territory.

- ✓ Pre and post sales consultancy
- ✓ Instrument installation
- ✓ Training using instruments
- ✓ Technical and practical demonstrations
- ✓ Technical assistance
- ✓ Troubleshooting
- ✓ Scientific support

### Technical Sales Assistant

The technical assistant takes care of all the post-sales operational needs.

- ✓ Provides technical information
- ✓ Handles requests with the supplier technical service
- ✓ Technical support on the consumable

Contact: [tsa@euroclone.it](mailto:tsa@euroclone.it) / 800-315911

### Quality

The medical devices we market and the in vitro diagnostic devices used in cytogenetics comply with European regulations 2017/745 e 2017/746. Euroclone sells its own brand products in Europe and in non-European countries in compliance with international regulations, including the DUAL USE regulation.

Euroclone is a supplier of companies in the Biotech area – Pharma that work in GMP, and guarantees products FFM (For Further Manufacture) in compliance with specific Quality Technical Agreement defined with individual customers.

### Certifications

**ISO 9001, ISO 13485 e ISO 14001.**

**ISO 9001 and ISO 13485** certify that our company, from the point of view of design, development, technical assistance and marketing for products for life sciences, medical devices and in vitro diagnostic devices, complies with the regulations currently in force.

**ISO 14001** certifies that Euroclone works in full respect of the environment and its actions are characterized by a strong ecological footprint.

The background is a solid green color with a pattern of overlapping, organic, cell-like shapes in various shades of green. These shapes resemble biological cells or molecules, with some having thin, connecting lines between them, creating a network-like structure. The overall effect is a textured, scientific aesthetic.

# LIQUID MEDIA, CELL CULTURE REAGENTS AND SERA

## Liquid Media, cell culture reagents and Sera

### Liquid Media and cell culture reagents

Euroclone utilizes its state-of-the-art filtration and aseptic fill technologies to manufacture the Euroclone liquid media and reagents lines. 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 of 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 0.1 µm 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 packed 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 packed 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.



The background is a solid teal-green color with a pattern of overlapping, organic, cell-like shapes in various shades of green, ranging from light lime to dark forest green. These shapes resemble biological cells or molecular structures, with some having thin, connecting lines between them.

# TECHNICAL APPENDIX

# Technical Appendix

## Compatibility chart: for tips compatibility with other pipettes brand

												
	ECTD10010 ECTD50010RN ECTD50010RL	ECTD00010	ECTD50011RN ECTD50011RL ECTD10011	ECTD00011	ECTD00020	ECTD00100	ECTD50200RN ECTD50200RL ECTD10200	ECTD00200	ECTD10300 ECTD50300RN	ECTD00300	ECTD51000RN ECTD51000RL ECTD51000	ECTD01005
<b>Primo® mechanical pipettes</b>	0.1 - 2 µl 0.5 - 10 µl	0.1 - 2 µl 0.5 - 10 µl	0.2 - 2 µl 1 - 10 µl	0.1 - 2 µl 0.5 - 10 µl	2 - 20 µl	2 - 20 µl 10 - 100 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	100 - 1000 µl	100 - 1000 µl
<b>CAPP bravo, ecopipette and CAPPaero single channel pipette</b>	0.2 - 2 µl 0.5 - 10 µl	-	5 - 50 µl 10 - 100 µl	2 - 20 µl 5 - 50 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 5 - 50 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 5 - 50 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 5 - 50 µl 10 - 100 µl 20 - 200 µl	100 - 1000 µl	100 - 1200 µl			
<b>CAPP electronic pipettes and CAPPaero multichannel</b>	0.5 - 10 µl 2 - 20 µl	2 - 20 µl	5 - 50 µl 10 - 100 µl	5 - 50 µl 10 - 100 µl 20 - 200 µl	5 - 50 µl 10 - 100 µl 20 - 200 µl	5 - 50 µl 10 - 100 µl 20 - 200 µl 30 - 300 µl	5 - 50 µl 10 - 100 µl 20 - 200 µl 30 - 300 µl	100 - 1200 µl	100 - 1000 µl			
<b>Biohit eline, mline, Proline Plus</b>	0.1- 3 µl 0.5 - 10 µl	0.1 - 3 µl 0.5 - 10 µl	0.1 - 3 µl 0.5 - 10 µl	0.1 - 3 µl 0.5 - 10 µl	2 - 20 µl	2 - 20 µl 10 - 100 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	100 - 1000 µl	100 - 1000 µl
<b>Brand, Transferpette S, Transferpette S Electronic</b>	0.5 - 10 µl	2 - 20 µl	-	2 - 20 µl 10 - 100 µl 20 - 200 µl	20 - 200 µl	20 - 200 µl 15 - 300 µl	20 - 200 µl 15 - 300 µl	100 - 1000 µl	100 - 1000 µl			
<b>Eppendorf reference, Research Plus</b>	0.1 - 2.5 µl 0.5 - 10 µl	0.5 - 10 µl	0.1 - 2.5 µl 0.5 - 10 µl	0.1 - 2.5 µl 0.5 - 10 µl	2 - 20 µl	2 - 20 µl 10 - 100 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	20 - 200 µl	10 - 100 µl 20 - 200 µl 30 - 300 µl	10 - 100 µl 20 - 200 µl 30 - 300 µl	100 - 1000 µl	100 - 1000 µl
<b>Finnpipette</b>	0.5 - 10 µl	2 - 20 µl	5 - 50 µl	2 - 20 µl 5 - 50 µl 20 - 200 µl	5 - 50 µl 20 - 200 µl	5 - 50 µl 20 - 200 µl 30 - 300 µl	5 - 50 µl 20 - 200 µl 30 - 300 µl	100 - 1000 µl 200 - 1000 µl	100 - 1000 µl 200 - 1000 µl			
<b>Gilson pipetman</b>	0.2 - 2 µl 1 - 10 µl	2 - 20 µl	2 - 20 µl 10 - 100 µl	2 - 20 µl 20 - 100 µl 50 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 20 - 100 µl 50 - 200 µl	2 - 20 µl 20 - 100 µl 50 - 200 µl	100 - 1000 µl 200 - 1000 µl	100 - 1000 µl 200 - 1000 µl			
<b>Rainin classic, universal shaft (non Its)</b>	0.1 - 2 µl 0.5 - 10 µl	0.1 - 2 µl 0.5 - 10 µl	0.2 - 2 µl 1 - 10 µl	0.1 - 2 µl 0.5 - 10 µl	2 - 20 µl	2 - 20 µl 10 - 100 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	100 - 1000 µl	100 - 1000 µl
<b>Vwr, labnet</b>	0.1 - 2 µl 0.5 - 10 µl	0.1 - 2 µl 0.5 - 10 µl	0.2 - 2 µl 1 - 10 µl	0.1 - 2 µl 0.5 - 10 µl	2 - 20 µl	2 - 20 µl 10 - 100 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl	100 - 1000 µl	100 - 1000 µl

**EuroClone®**  
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Quality Management Systems and  
Environmental certified according to  
EN ISO 9001, ISO 13485 and EN ISO 14001