



PRODUCT CATALOGUE

August 2022

www.cellscientific.co.uk

Foreword

The importance of Cell Culture and laboratory consumables grew ever more present in the minds of the public after the world was shocked by Covid-19 in 2020.

We are immensely proud to have worked with governments and distributors across the world with our range of products to support the fight against Covid.

As we move forward out of the pandemic, we are focussed on providing high quality, affordable products that can be trusted to deliver high performance. All of our products are manufactured under strict process controls that are guaranteed to deliver consistent product performance.

Contact Information

Telephone	0117 911 2830
General enquiries	info@cellscientific.co.uk
Sales enquiries	sales@cellscientific.co.uk
Marketing enquires	marketing@cellscientific.co.uk
Order enquiries	orders@cellscientific.co.uk
Finance enquiries	finance@cellscientific.co.uk
Website	www.cellscientific.co.uk



PRODUCT PAGE GUIDE

HIGH EFFICIENCY ERLLENMEYER FLASKS	4
ERLENMEYER FLASKS	5
CELL ROLLER BOTTLES	6
CELL CULTURE FLASKS	7
MULTI-LAYER CELL CULTURE SYSTEM	9
TISSUE CULTURE DISHES	10
TISSUE CULTURE PLATE	11
ELISA PLATE	12
SEROLOGICAL PIPETS	13
PIPETTE TIPS (RACKED)	14
CENTRIFUGE TUBES	15
MICRO CENTRIFUGE TUBES	16
CRYOGENIC VIALS	17
MEDIA BOTTLES	18
CELL CULTURE ACCESSORIES	19

HIGH EFFICIENCY ERLLENMEYER FLASKS



PRODUCT HIGHLIGHTS

Application: Widely used in microbiology, cell biology and other fields. Can be used with large capacity shaker. Mainly suitable for cell suspension culture.

Material: BPA-free Polycarbonate (PC)

Specification: 3L, 5L

Sterile: Yes (**SAL** < 10⁻⁶)

DNase/RNase Free: Yes.

Max. Temp: -135°C to 135°C

Bottoms: Flat Bottom

Colour: Transparent

PRODUCT CHARACTERISTICS

- One piece injection with smooth surface, reduces the risks of media residue and leakage.
- Manufactured to provide consistent performance and low contamination risk.
- The cap filter area is enlarged to increase the ventilation efficiency, suitable for high density culture. The working volume can reach 60-80%, resulting in a higher cell yield.
- The bottleneck and the ergonomic design handles for the 5L shake bottle aids with liquid transfer.

Cat. No.	Volume (L)	Height (mm)	Neck Diameter (mm)	Bottom Diameter (mm)	Cap Style	QTY/Case
CO43003-PC	3.0	245	70	163	Vent	12
CO43005-PC	5.0	281	90	230.26	Vent	6

ERLENMEYER FLASKS



PRODUCT HIGHLIGHTS

Application: Widely used for suspension cell culture of bacteria, fungi, animals and plants also it is used for the preparation, mixing and storage of culture medium.

Material: BPA-free Polycarbonate (PC)

Specification: 125ml, 250ml, 500ml, 1000ml

Sterile: Yes (SAL < 10⁻⁶)

DNase/RNase Free: Yes

Max. Temp: -135°C to 135°C

Bottoms: Flat or Baffled Bottom

Colour: Transparent

Autoclavable: Yes

PRODUCT CHARACTERISTICS

- One piece injection with smooth surface, reduces the risks of media residue and leakage.
- Manufactured to provide consistent performance and low contamination risk.
- HDPE vent cap, combined with PTFE 0.2µm hydrophobic filter PTFE hydrophobic filter, that does not affect the sealing and air permeability after contact with liquid.
- Clear and accurate graduation, easily to observe the culture medium capacity.
- Individually packed and sterile, easily for use.

Flat Cat. No.	Baffled Cat. No.	Volume (L)	Cap Style	Height (mm)	Neck Diameter (mm)	Bottom Diameter (mm)	QTY/Case
CO33125	CO35125	125	Vent	115.8	29.4	66	24
CO33250	CO35250	250	Vent	140.8	39	83	12
CO33500	CO35500	500	Vent	178.8	39	101	12
CO33001	CO35001	1000	Vent	216.8	39	127	12
CO32125	CO34125	125	Seal	115.8	29.4	66	24
CO32250	CO34250	250	Seal	140.8	39	83	12
CO32500	CO34500	500	Seal	178.8	39	101	12
CO32001	CO34001	1000	Seal	216.8	39	127	12

CELL ROLLER BOTTLES



PRODUCT HIGHLIGHTS

Application: Widely used in the culture of animal and plant cells, bacteria and viruses.

Material: Polystyrene (PS)

Specification: 800cm², 1600cm²

Sterile: Yes (SAL < 10⁻⁶)

DNase/RNase Free: Yes

Colour: Transparent

Non-Pyrogenic: Yes

Non-Cytotoxic: Yes



PRODUCT CHARACTERISTICS

- One piece seamless construction.
- Easy grip cap allowing one handed use.
- TC treated for optimal cell attachment (Non-TC treated also available).
- Manufactured to provide consistent performance and low contamination risk.
- Clear and accurate graduation, easily to observe the culture medium capacity.
- Product batch number label for traceability.
- 5L bottle adopts two stage design to increase contact area with rotating machine.

TC Treated Cat. No.	Non-TC Treated Cat. No.	Species	Growth area (cm ²)	Cap Style	QTY/ Pack	QTY/ Case
C022002	C020002	2	800	Seal	2	40
C022005	C020005	5	1600	Seal	1	40

CELL CULTURE FLASKS



PRODUCT HIGHLIGHTS

Application: Used for the growth and propagation of microbial, insect or mammalian cells.

Material: Polystyrene (PS)

Specification: 25cm², 75cm², 175cm², 225cm²

Sterile: Yes (SAL < 10⁻⁶)

Non-Pyrogenic: Yes

DNase/RNase Free: Yes

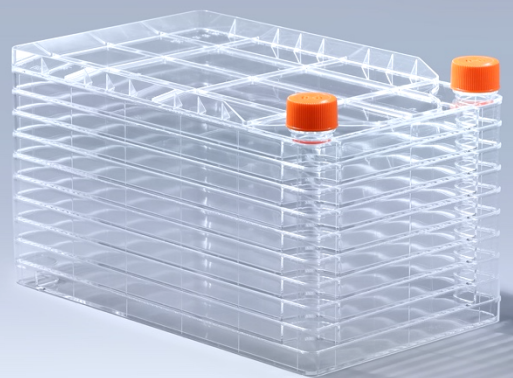
Colour: Transparent

PRODUCT CHARACTERISTICS

- TC treated for optimal cell attachment (Non-TC treated also available).
- Manufactured to provide consistent performance and low contamination risk.
- Seal cap or HDPE vent cap; combined with PTFE 0.2µm hydrophobic filter, that does not affect the sealing and air permeability after contact with liquid. Lid supports single handed opening.
- Innovative angled neck for easy access and reduction in medium sloshing into the neck.
- Arc shaped bottom and angled neck help to obtain a complete growth surface.
- Product batch number label for traceability.
- Clear and accurate graduation, easily to observe the culture medium capacity.
- Vacuum packed and sterile for easy use.
- Frosted area near neck for easy marking/writing.
- Hollow bottom supporting rapid transmission of gas within an incubator.
- Easy to stack and carry.

TC Treated Cat. No.	Non-TC Treated Cat. No.	Growth area (cm ²)	Cap Style	QTY/ Pack	QTY/ Case
C000025	C002025	25	Seal	10	200
C000075	C002075	75	Seal	5	100
C000175	C002175	175	Seal	5	40
C000225	C002225	225	Seal	5	25
C001025	C003025	25	Vent	10	200
C001075	C003075	75	Vent	5	100
C001175	C003175	175	Vent	5	40
C001225	C003225	225	Vent	5	25





MULTI-LAYER CELL CULTURE SYSTEM

PRODUCT HIGHLIGHTS

Application: This Hydrophilic multi-layer cell culture system is used for the mass production of adherent cells.

Material: Polystyrene (PS)

Specification: 635cm², 1270cm², 3175cm², 6350cm² & 6350cm²

Sterile: Yes (SAL < 10⁻⁶)

Non-Pyrogenic: Yes

DNase/RNase Free: Yes

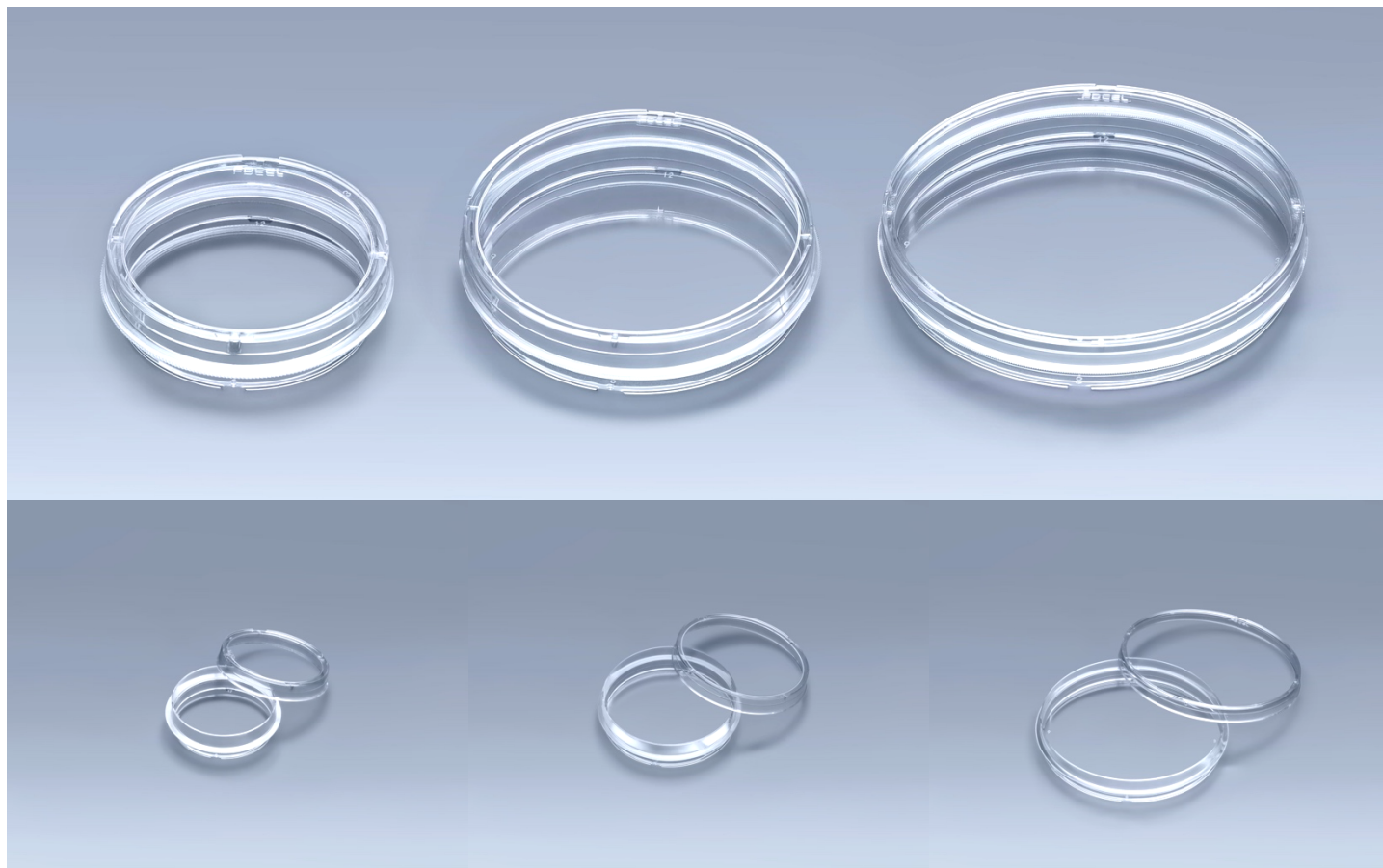
Colour: Transparent

PRODUCT CHARACTERISTICS

- Excellent cell cloning formation rate, adhesion speed and cell proliferation speed.
- Dual Ports improve the speed of filling liquid and harvesting liquid, reducing bubble formation. More conducive to gas exchange and high-density cell culture.
- Equipped with quick-fit seal cap (patented product), that can switch between airtight and a breathable state in conventional environment (greenhouse) to meet the needs of dissolved oxygen and exhaust in different culture stages of cells and viruses.
- Equipped with a full set of sealed piping system that can be connected with the liquid intake system and harvesting system piping, through the peristaltic pump or pressure system for liquid input and output.
- The finished products have passed the tests of ISO 10993-10, USP87 and The United States Pharmacopoeia by third-party testing institutions (SGS), without sensitization, hemolysis, heat source and cytotoxicity.
- TC treated for optimal cell attachment (Non-TC treated also available).
- Manufactured to provide consistent performance and low contamination risk.
- Seal cap or HDPE vent cap; combined with PTFE 0.2µm hydrophobic filter, that does not affect the sealing and air permeability after contact with liquid. Lid supports single handed opening.
- Product batch number label for traceability.
- Clear and accurate graduation, easily to observe the culture medium capacity.
- Vacuum packed and sterile for easy use.

TC Treated Cat. No.	Non-TC Treated Cat. No.	Growth area (cm ²)	Length (mm)	Width (mm)	Height (mm)	QTY p/Pack	QTY p/Case
C011001	C013001	635	335	205.5	48	1	8
C011002	C013002	1270	335	205.5	65	1	8
C011005	C013005	3175	335	205.5	116	1	6
C011010	C013010	6350	335	205.5	201	1	4
C011040	C013040	25400	335	205.5	711	1	2

TISSUE CULTURE DISHES



PRODUCT HIGHLIGHTS

Application: Cell Culture Dishes are ideal containers for cell growth and are suitable for laboratory inoculation, weighing, separation and processing of tissue or cells.

Material: Polystyrene (PS)

Specification: 60mm, 100mm, 150mm

Sterile: Yes (SAL < 10⁻⁶)

Non-Pyrogenic: Yes

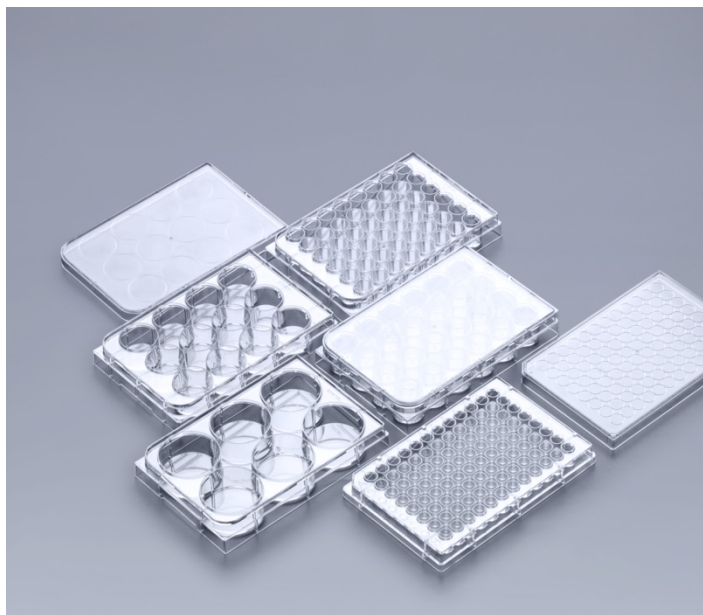
DNase/RNase Free: Yes

PRODUCT CHARACTERISTICS

- Flat, distortion free optics
- Stackable for easy storage
- Optimal gas exchange lids
- 100% Virgin Polystyrene
- TC treated for optimal cell attachment (Non-TC treated also available)
- Individually packed and sterile, easily for use.

TC Treated Cat. No.	Non-TC Treated Cat. No.	Species (mm)	QTY/ Pack	QTY/ Case
C070060	C071060	60	10	500
C070100	C071100	100	10	300
C070150	C071150	150	5	100

TISSUE CULTURE PLATE



PRODUCT HIGHLIGHTS

Application: Tissue Culture Plates are widely used in cell culture to perform multiple test samples at once.

Material: Polystyrene (PS)

Specification: 6, 12, 24, 48, 96 well

Sterile: Yes (SAL < 10⁻⁶)

Non-Pyrogenic: Yes

DNase/RNase Free: Yes

Colour: Transparent

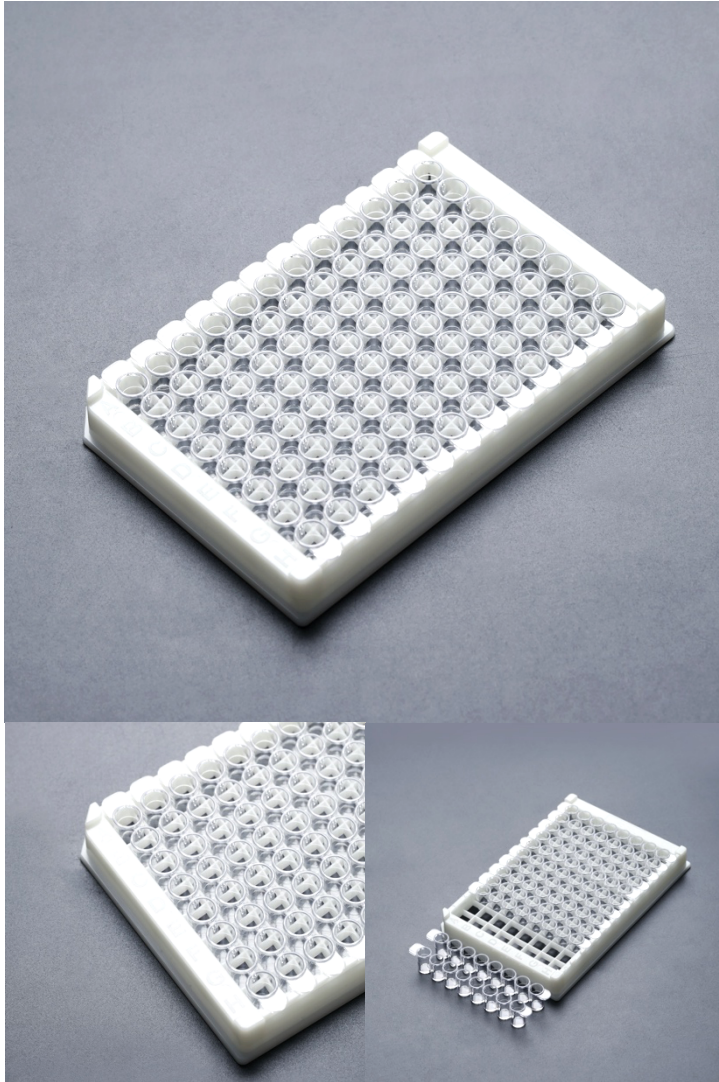


PRODUCT CHARACTERISTICS

- TC treated for optimal cell attachment (Non-TC treated also available).
- Uniform well volume ensures equal growth surface area.
- The lid and bottom of the plate combine with moderate tightness to ensure gas exchange and reduce the risk of evaporation and cross-contamination.
- Excellent optical and chemical properties ensure product stability and facilitate observation under the microscope.
- Engraved alphanumeric code for easy identification.

TC Treated Cat. No.	Non-TC Treated Cat. No.	Species (cm)	Single Well Surface Area (cm ²)	Recommended Operating Volume (ml/ Well)	QTY/ Case
CC060006	C061006	6	9.5	1.900-2.900	100
CC060012	C061012	12	3.8	0.760-1.140	100
CC060024	C061024	24	1.9	0.380-0.570	100
CC060048	C061048	48	0.95	0.190-0.285	100
CC060096	C061096	96	0.32	0.100-0.200	100

ELISA PLATE



PRODUCT HIGHLIGHTS

Application: Used for enzyme-linked immunosorbent assay (ELISA) techniques for detecting and quantifying soluble substances such as peptides, proteins, antibodies and hormones.

Material: Polystyrene (PS)

Specification: 96 well

Sterile: Yes (SAL < 10⁻⁶)

Non-Pyrogenic: Yes

DNase/RNase Free: Yes

Colour: Transparent, White, Black

Bottom: Flat

Binding Force: High, Medium

PRODUCT CHARACTERISTICS

- TC treated for optimal cell attachment
- Well to Well coefficient of CV<5%, Average OD=0.005 units
- Lip at top of holes helps prevent contamination
- Flat bottom provides larger surface binding area~
- Excellent optical and chemical properties ensure product stability, and facilitate clear observation
- Engraved alphanumeric code for easy identification

Detachable Cat. No.	Non Detachable Cat. No.	Binding Force	Height	Colour	Bottom	QTY/ Case
C050961	C053961	High	38	Transparent	Flat	200
C050962	C053962	Medium	45.7	Transparent	Flat	200
C051961	C054961	High	48.2	White	Flat	200
C051962	C054962	Medium	48.5	White	Flat	200
C052961	C055961	High	59.3	Black	Flat	200
C052962	C055962	Medium	58.3	Black	Flat	200

SEROLOGICAL PIPETS



PRODUCT HIGHLIGHTS

Application: Accurately measure or transfer a fixed volume of liquid. Widely used in cell culture, bacteriology, clinical medicine, scientific research and experiment fields.

Material: Polystyrene (PS)

Specification: 1ml, 2ml, 5ml, 10ml, 25ml, 50ml

Sterile: Yes

DNase/RNase Free: Yes

BSE/TSE Free: Yes

Non-Pyrogenic: Yes

Non-Cytotoxic: Yes

Tolerance: \pm -2%

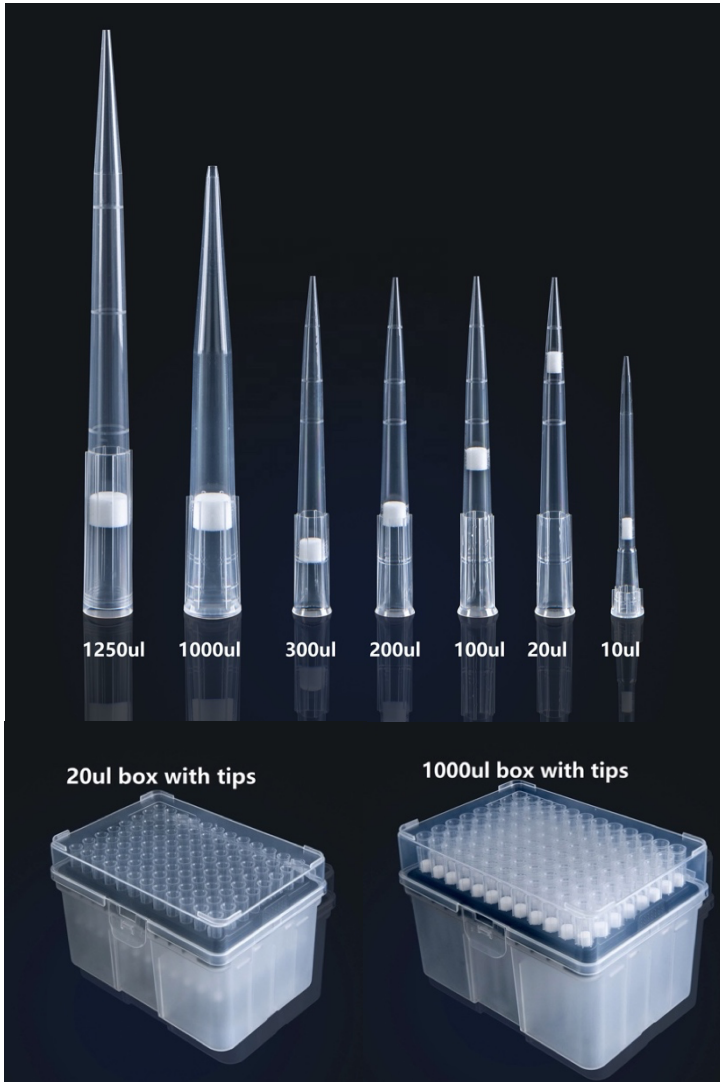


PRODUCT CHARACTERISTICS

- Sterile, individually wrapped
- Bi-directional graduations provide choice of ascending and descending scales
- Negative graduations allow additional working volume
- Colour coded magnifier stripes for easy identification
- Pipets are either supplied plastic or paper/plastic, individually wrapped
- Plugged to prevent overfill
- Thin tube wall reduces liquid adhesion
- Also available bulk packed

Cat. No.	Volume	Format	QTY/ Pack	QTY/ Case
SP0001	1ml	Individually packed	50	500
SP0002	2ml	Individually packed	50	500
SP0005	5ml	Individually packed	50	500
SP0010	10ml	Individually packed	50	500
SP0025	25ml	Individually packed	50	200
SP0050	50ml	Individually packed	25	100

PIPETTE TIPS (RACKED)



PRODUCT HIGHLIGHTS

Application: Accurately measure or transfer-a fixed volume of liquid. Widely used in cell culture, bacteriology, clinical medicine, scientific research and experiment fields.

Material: Polypropylene (PP)

Specification: 10µl, 20µl, 100µl, 1000µl, 1250µl

Graduation Marks: Yes

Tip Types: Low Retention, Filtered/Non Filtered, Sterile/Non Sterile

Autoclavable: At 121°C

Filter Material: High Density Polypropylene

Sterile: Yes

DNase/RNase/DNA Free: Yes

Non Pyrogenic/Bioburden/Endotoxin ATP/PCR

Inhibitors: Yes

Compatibility: Universal Fit. Compatible with Eppendorf, Gilson, Sartorius

Traceability: Yes – Lot coded.

PRODUCT CHARACTERISTICS

- Manufactured to the highest quality standard.
- Universal tips offering a reliable fit with a wide range of pipettors.

- Easy to read graduation marks.
- High quality tip with smooth inner wall which can avoid leakage and sample residual.

Cat. No.	Size	Format	QTY/ Pack	QTY/ Case
TG-EZ-PT-10UL	10µl	Racked, Individually packed	1	50
TG-EZ-PT-20UL	20µl	Racked, Individually packed	1	50
TG-EZ-PT-100UL	100µl	Racked, Individually packed	1	50
TG-EZ-PT-200UL	200µl	Racked, Individually packed	1	50
TG-EZ-PT-300UL	300µl	Racked, Individually packed	1	50
TG-EZ-PT-1000UL	1000µl	Racked, Individually packed	1	50
TG-EZ-PT-1250UL	1250µl	Racked, Individually packed	1	50

CENTRIFUGE TUBES



PRODUCT HIGHLIGHTS

Application: Widely used in tissue culture, molecular biology, genetics, drug development and other fields, for the collection, packaging and centrifugation of various biological samples such as bacteria, cells, proteins, nucleic acids, etc., to meet various biological analysis and requirements.

Material: Polypropylene (PP)

Specification: 10ml, 15ml, 50ml

Max Centrifugal Force: 18000xg RCF

Temperature: -80 - 121°C

Sterile:

Non-Pyrogenic: Yes

DNase/RNase Free: Yes

Colour: Transparent

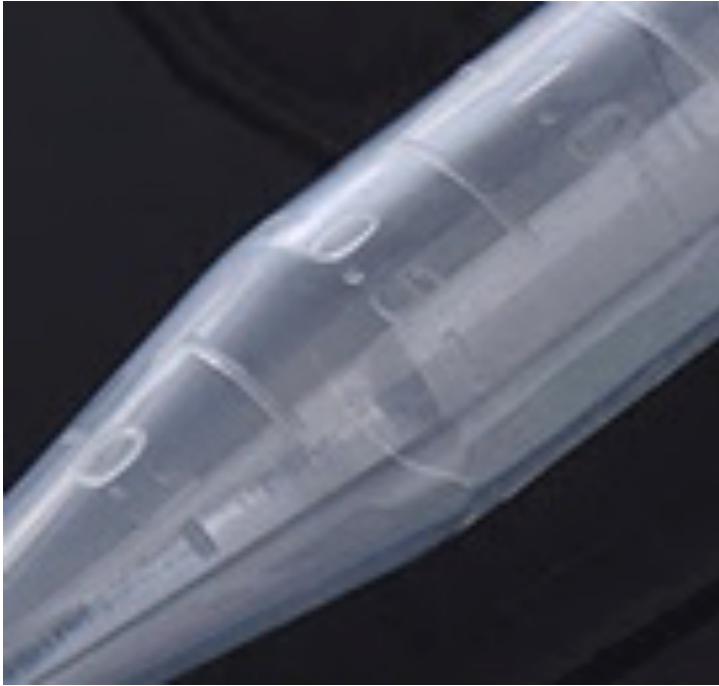


PRODUCT CHARACTERISTICS

- Double thread – Strong sealing performance.
- Grip Cap – Suitable for single handed use.
- Excellent Chemical, Temperature & Pressure Resistance
- Blank writing space.
- Bottom of cone marked for improved precision

Cat. No.	Specification	Pack Type	QTY/ Pack	QTY/ Case
L030010	10ml	Racked	25	500
L030015	15ml	Racked	25	500
L030050	50ml	Racked	25	500
L031010	10ml	Bulk Pack	25	500
L031015	15ml	Bulk Pack	25	500
L031050	50ml	Bulk Pack	25	500

MICRO CENTRIFUGE TUBES



PRODUCT HIGHLIGHTS

Application: Widely used in tissue culture, molecular biology, genetics, drug development and other fields, for the collection, packaging and centrifugation of various biological samples such as bacteria, cells, proteins, nucleic acids, etc., to meet various biological analysis and requirements.

Material: Polypropylene (PP)

Shape: Conical

Specification: 0.5ml, 1.5ml, 2.0ml

Max Centrifugal Force: 20000xg RCF

Temperature: -80 - 121°C

Sterile: Yes (SAL < 10⁻⁶)

Non-Pyrogenic/Cytotoxic: Yes

DNase/RNase Free: Yes

Colour: Transparent

Endotoxin Free: Yes

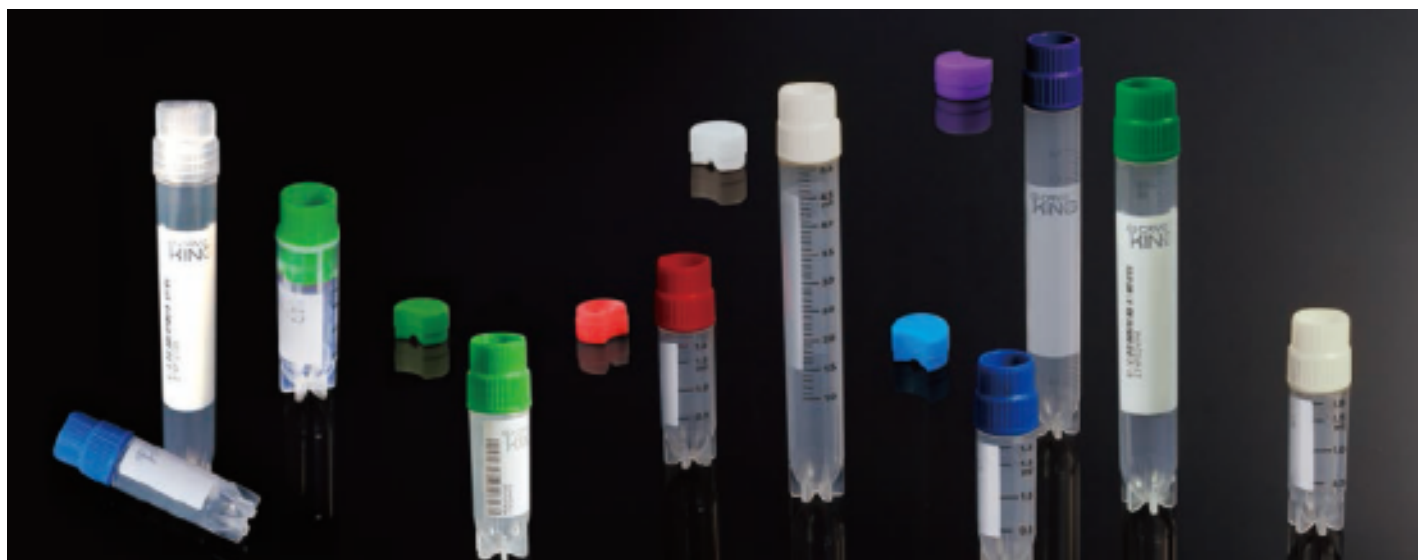
Autoclavable: Yes

PRODUCT CHARACTERISTICS

- Excellent Chemical, Temperature & Pressure Resistance.
- The snap cap reduces the pressure required to open the tube whilst ensuring the cap will remain closed during centrifugation.
- Easy to use – open with one hand.
- Graduation marks on the microcentrifuge tube allow for effective sample reference.
- Virgin polypropylene – Tubes ensure the sample integrity during boiling, freezing and centrifugation.

Cat. No.	Specification	Bottom	Pack Type	QTY/ Pack	QTY/ Case
L030000.5	0.5ml	Culet	Bagged	500	5000
L030001.5	1.5ml	Culet	Bagged	500	5000
L030002	2.0ml	Round	Bagged	500	5000

CRYOGENIC VIALS



PRODUCT HIGHLIGHTS

Application: Ultra-low temperature storage of valuable cell cultures and biological samples.

Material: Polypropylene (PP)

Specification: 2ml, 5ml

Temperature: -196 - 121°C

Sterile: Yes (SAL of 10^{-6})

Non-Pyrogenic/Cytotoxic: Yes

DNase/RNase Free: Yes

Colour: Transparent

Endotoxin Free: Yes

Autoclavable: Yes

Thread: External, Internal

PRODUCT CHARACTERISTICS

- Excellent Temperature Resistance down to vapour phase of liquid nitrogen.
- Easy to use – open with one hand.
- Easy to read graduations with large marking spot.
- Self Standing with a large base allowing for easy racking

Internal Thread Cat. No.	External Thread Cat. No	Volume	Side Barcode	Writing Area	QTY/ Pack	QTY/ Case
CC 88-321	CC88-320	2ml	No	Yes	25	1,000
CC 88-621	CC 88-620	2ml	Yes	Yes	25	1,000
-	CC 88-350XS	5ml	No	Yes	25	1,000
-	CC 88-650XS	5ml	Yes	Yes	25	1,000

MEDIA BOTTLES



PRODUCT HIGHLIGHTS

Application: Widely used for storing and sampling active pharmaceutical ingredients, bulk intermediaries, and also for preparing and storing buffers, culture solutions or long term storage of pH sensitive liquids.

Material: Polyethylene terephthalate glycol-modified (PETG)

Specification: 60ml, 125ml, 250ml, 500ml, 1000ml

Temperature Resistance: -70°C

Sterile: Yes (SAL < 10⁻⁶)

Non-Pyrogenic: Yes

DNase/RNase Free: Yes

Colour: Transparent

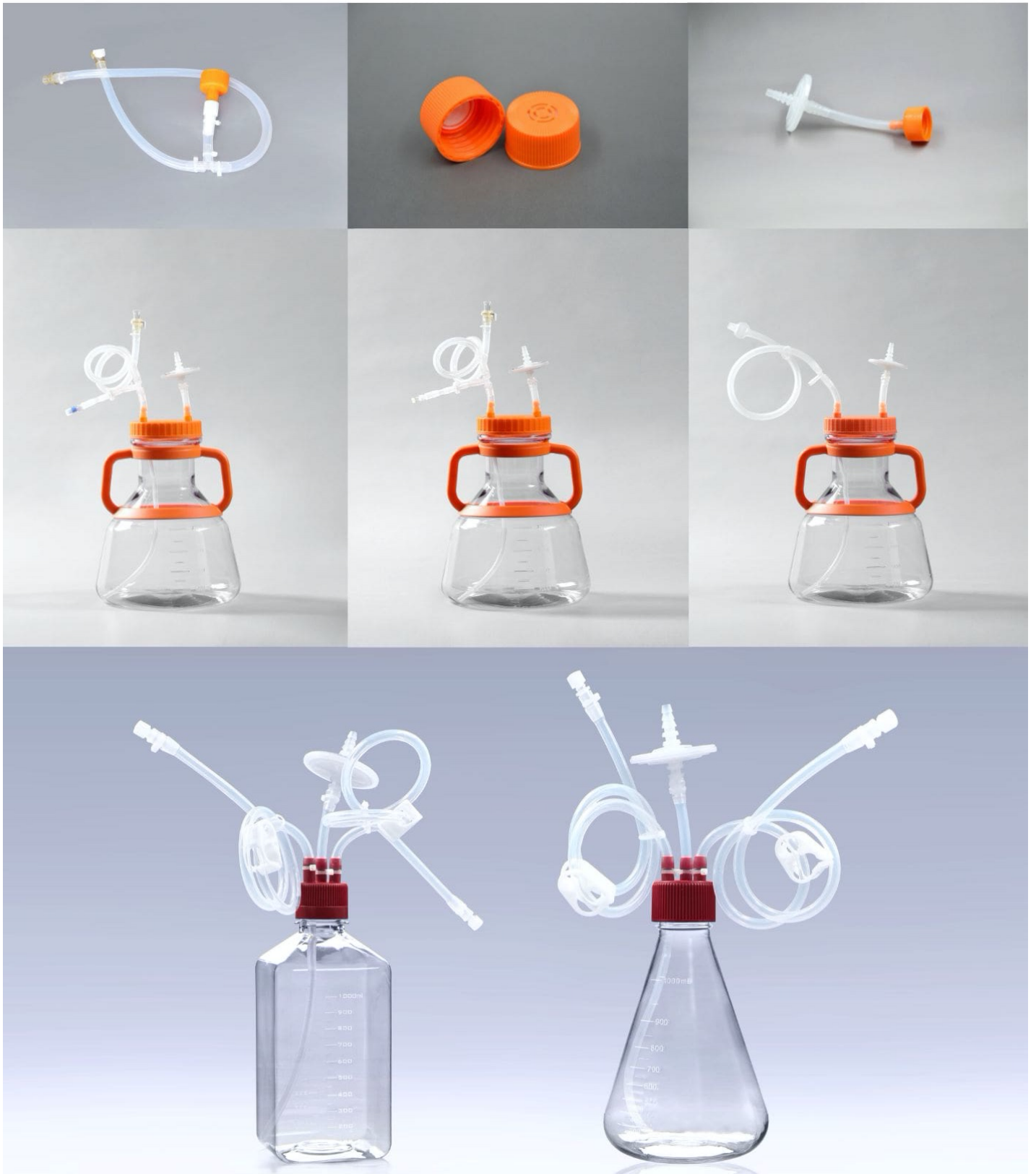
PRODUCT CHARACTERISTICS

- Shatter Resistance.
- Graduation marks allow for effective sample reference.
- Square design and easy to hold.
- Excellent Gas barrier properties.
- Leakproof bottles and HDPE cap provided

Cat. No.	Volume (ml)	Neck Diameter	Height without cap (mm)	Height with cap (mm)	QTY/ Pack	QTY/ Case
C080060	60	21.5	80.4	82.2	24	192
C080125	125	35.4	104	108	24	96
C080250	250	35.4	140	144	30	60
C080500	500	35.4	172.5	176.5	24	48
C080010	1000	35.4	213	217	12	24

CELL CULTURE ACCESSORIES

We have a comprehensive range of over 100 Cell Culture Accessories to support you in your research. For more information please get in touch or review the Cell Scientific Accessories Catalogue.





0117 911 2830

info@cellscientific.co.uk

www.cellscientific.co.uk