





BIOFIL®

Медстандарт

2022 CATALOGUE

YOUR RELIABLE PARTNER IN LIFE SCIENCE

Guangzhou Jet Bio-Filtration Co.,Ltd


01
Enterprise core values:
Ingenuity,responsibility,
circumspection and perseverance
BIOFIL
Inheriting the spirit of
craftsmen and uniting
the strength of the times
02
Company vision:
With the aim of serving
human health,Become
a global life science field.
A leading multinational
company.
Company mission:
To contribute to life science research,
Improving human health
04
Company quality policy:
With ingenuity and responsibility
High quality products and services,
Escort life science research
03



COMPANY INTRODUCTION

Guangzhou Jet Bio-Filtration Co., Ltd. was found in 2001 and is a well-known company in China involving R&D, manufacturing and sales of laboratory consumable products.It covers an area of 22,468㎡ in the scenic Science City. So far, the company has distributors in more than 50 countries all around the world, including America, Japan ,Canada, Germany, Australia and Korea. It has set up offices in several domestic cities like Shanghai, Beijing, Chengdu, Wuhan and Guangzhou. Its main products include laboratory consumables (pipettes, tissue culture products, centrifuge tubes, filtration products etc...), analyzer, lab equipment, reagent and culture medium, which have all been certified by ISO 9001/13485 and CE quality management system. Our goal is to provide innovative solutions and premier service and maximize customer value.

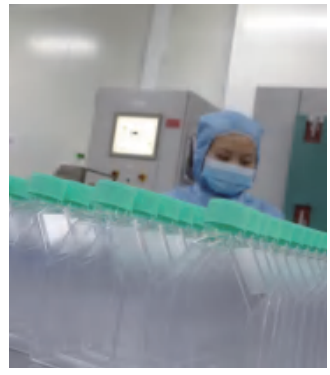
Company Environment











Quality Certificate

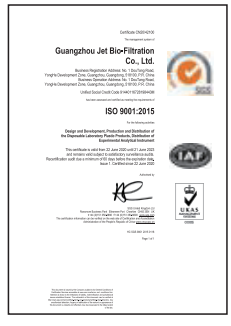
Customer Focus:

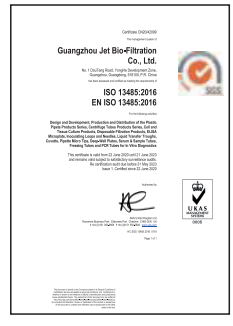
At Jet, our customers' satisfaction is exactly what we are pursuing. We have good management and product development teams who have years of industry experience. Our cell and tissue culture professionals and our entrepreneurial spirit make us responsive to customer needs. We welcome special requests and work to provide the best and most personal service in the industry.

Satisfaction Guarantee:

Jet offers a total satisfaction guarantee so you can be confident in your purchasing decision. If for any reason you are not satisfied with the product performance or service provided by Jet, we will either replace or issue a refund for the purchase price of your product.







JET BIOFIL

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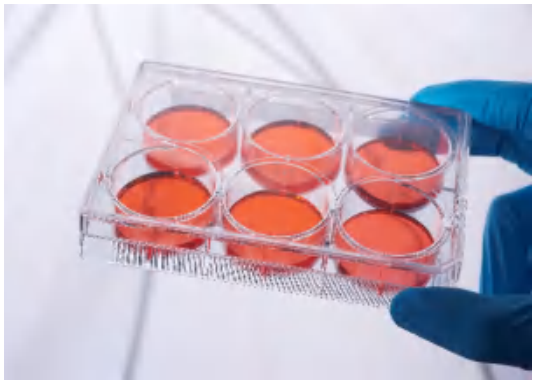
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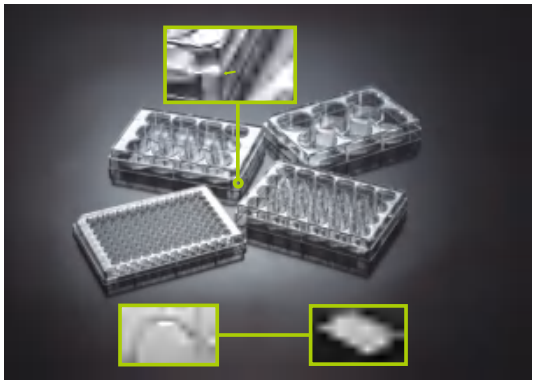
Tissue Culture Products



Cell and Tissue Products series, including CellDETACH ™ Temperature-Responsive Culture Surface Products,CellTTACH® Surface Products, Cell and Tissue Culture Products, Roller Bottles, Bio-Reaction Tubes and etcetera, are all innovatively designed by JET BIOFIL engineers and manufactured in 100,000-grade clean room environment under the control of ISO 9001 and ISO13485 quality management system. All the JET BIOFIL Products are manufactured with 100% USP VI crystal class virgin polystyrene(GPPS) and equal high-quality polyethyene (PE) to eliminate all extraneous materials and ensure the integrity cells. Furthermore, the high transparency of high class material ensures good observability. In addition, all the products are sterilized by irradiation and certified DNase/RNase free and non-pyrogenic. Products are modified with vacuum gas plasma causing the hydrophobic polystyrene surface to become negatively charged and hydrophilic, allowing cells to attach evenly and consistently.Furthermore, our own technological transformed vacuum-gas plasma machine has been applied to adherent and suspension cell lines.

Cell and Tissue Culture Products





Cell and Tissue Culture Plates are ideal for cell growth and cell yields on multiple, compare and other analyse.

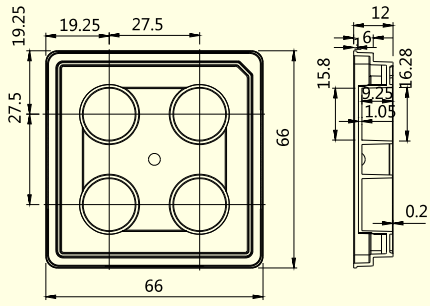
*Available with 8 different growth surface areas of 4, 6, 12, 24, 48, 96, 96U , 384 wells
*Available in surface-treated, non-treated
*Uniform well volume ensures equal growth surface area
*Flat well bottom and round bottom plate
*Well surface is smooth and free from striation to maximize usable growth area
*Raised rims on wells with the uniform rings on the lid to reduce evaporation
*Single position lid reduces the risks of cross-contamination and the handling mistakes
*Wells are labeled with alphanumeric code for easy identification
*Suitable for all common instruments and automation
*Sterilized by irradiation
*DNase / RNase-free &Non-pyrogenic

Order Information

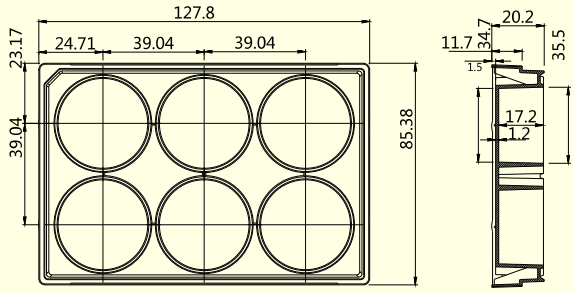
*Individually packaged in peel-to-open paper/plastic blister pack.
*Every case has printed with lot No. for quality traceablity.

Cat. No.	Well Qty.	Surface Type	Max Well Volume (ml) (single well)	Lid	Sterile	Qty.per bag/case
TCP001004	4	General, Non-treated	1.86	Y	Y	1/100
TCP001006	6		17.0	Y	Y	1/100
TCP001012	12		6.80	Y	Y	1/100
TCP001024	24		3.50	Y	Y	1/100
TCP001048	48		1.55	Y	Y	1/100
TCP001096	96		0.39	Y	Y	1/100
TCP002096	96U		0.33	Y	Y	1/100
TCP001384	384		0.14	Y	Y	1/100

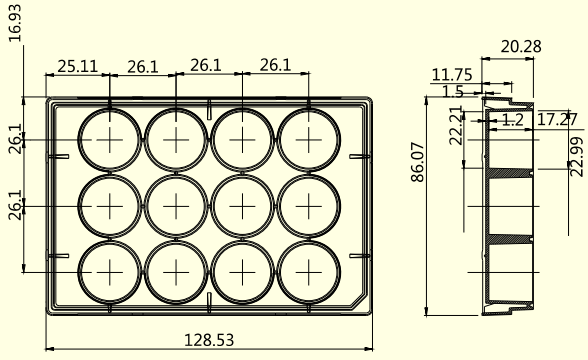
Cat. No.	Well Qty.	Surface Type	Max Well Volume (ml) (single well)	Cell Growth Area (cm^2)	Lid	Sterile	Qty.per bag/case
TCP011004	4	Standard, surface treated	1.0	1.96	Y	Y	1/100
TCP011006	6		1.9-2.9	9.6	Y	Y	1/100
TCP011012	12		0.76-1.14	3.85	Y	Y	1/100
TCP011024	24		0.38-0.57	1.93	Y	Y	1/100
TCP011048	48		0.19-0.29	0.83	Y	Y	1/100
TCP011096	96		0.075-0.2	0.33	Y	Y	1/100
TCP012096	96U		0.075-0.2	0.58	Y	Y	1/100
TCP011384	384		0.01-0.1	0.1153	Y	Y	1/100



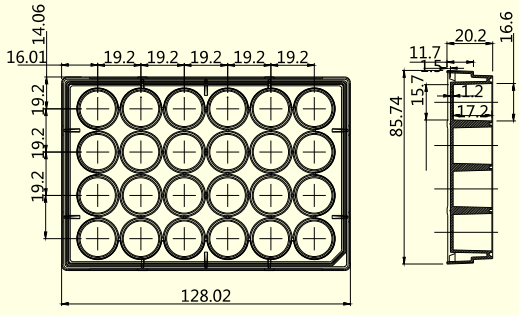
4 Well Plate



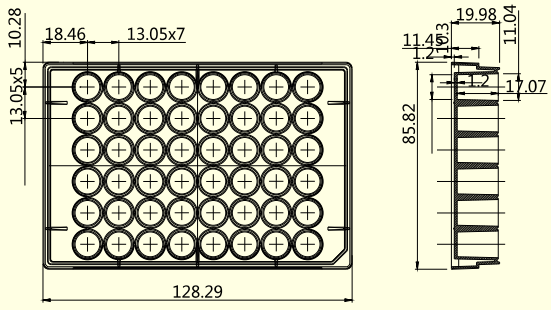
6 Well Plate



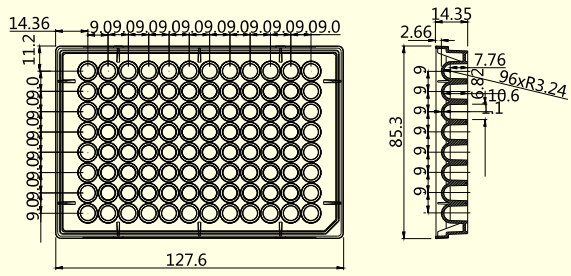
12 Well Plate



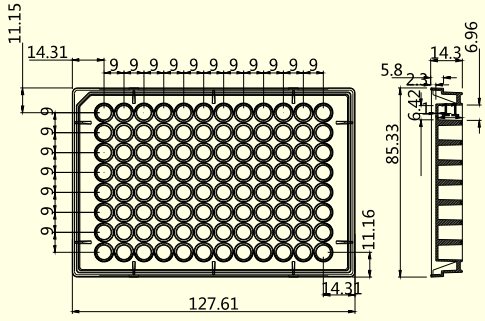
24 Well Plate



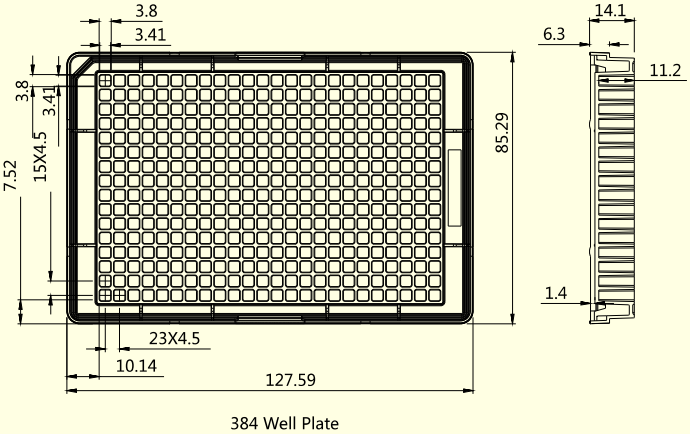
48 Well Plate



96-U Well Plate



96-F Well Plate



384 Well Plate

Tissue Culture Plate Insert





Polycarbonate (PC) Membrane Tissue Culture Plate Inserts

The polycarbonate plate inserts feature a thin, semitransparent polycarbonate membrane that is available in six pore sizes from 0.1µm to 12.0µm. All inserts are treated for optimal cell attachment. The polycarbonate plate inserts are sterile and assembled with well plates and resist most fixing and staining agents. All plates come with lids.

Polycarbonate (PET) Membrane Tissue Culture Plate Inserts

Tissue Culture Plate Inserts feature a thin, microscopically polyester membrane that is tissue culture treated for optimal cell attachment and growth. Tissue Culture Plate Inserts provide excellent cell visibility under phase contrast microscopy and allow assessment of cell viability and monolayer formation. Tissue Culture Plate Inserts are sterile and can be assembled with 6, 12 and 24 well plates. All plates come with lids.

Tissue Culture Plate Insert (PET)

Cat. NO	Well Qty.	Pore size (µm)	Growth area for insert membrane(cm²)	Sterile	Qty.per bag/case
TCS010006	6	0.1	4.67	Y	6/24
TCS016006	6	0.4	4.67	Y	6/24
TCS012006	6	3.0	4.67	Y	6/24
TCS018006	6	1.0	4.67	Y	6/24
TCS010012	12	0.1	1.12	Y	12/48
TCS016012	12	0.4	1.12	Y	12/48
TCS018012	12	1.0	1.12	Y	12/48
TCS012012	12	3.0	1.12	Y	12/48
TCS010024	24	0.1	0.33	Y	12/48
TCS017024	24	0.1	0.33	Y	12/48
TCS016024	24	0.4	0.33	Y	12/48
TCS018024	24	1.0	0.33	Y	12/48
TCS012024	24	3.0	0.33	Y	12/48
TCS013024	24	8.0	0.33	Y	12/48

Tissue Culture Plate Insert (PET) (Transparent)

Cat. NO	Well Qty.	Pore size (µm)	Growth area for insert membrane(cm²)	Sterile	Qty.per bag/case
TCS019006	6	3.0	4.67	Y	6/24
TCS019012	12	3.0	1.12	Y	12/48
TCS019024	24	3.0	0.33	Y	12/48
TCS020006	6	8.0	4.67	Y	6/24
TCS020012	12	8.0	1.12	Y	12/48
TCS020024	24	8.0	0.33	Y	12/48

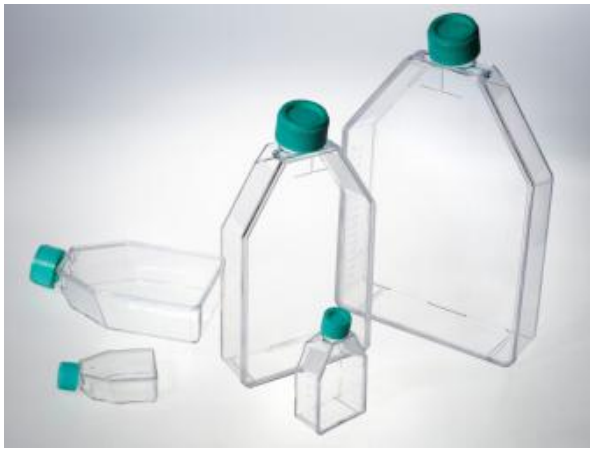
Tissue Culture Plate Insert (PC)

Cat. NO	Well Qty.	Pore size (µm)	Growth area for insert membrane(cm²)	Sterile	Qty.per bag/case
TCS000006	6	0.1	4.67	Y	6/24
TCS001006	6	0.4	4.67	Y	6/24
TCS005006	6	1.0	4.67	Y	6/24
TCS002006	6	3.0	4.67	Y	6/24
TCS003006	6	8.0	4.67	Y	6/24
TCS100006	6	12.0	4.67	Y	6/24
TCS000012	12	0.1	1.12	Y	12/48
TCS001012	12	0.4	1.12	Y	12/48
TCS005012	12	1.0	1.12	Y	12/48
TCS002012	12	3.0	1.12	Y	12/48
TCS003012	12	8.0	1.12	Y	12/48
TCS100012	12	12.0	1.12	Y	12/48
TCS000024	24	0.1	0.33	Y	12/48
TCS001024	24	0.4	0.33	Y	12/48
TCS005024	24	1.0	0.33	Y	12/48
TCS002024	24	3.0	0.33	Y	12/48
TCS003024	24	8.0	0.33	Y	12/48
TCS004024	24	5.0	0.33	Y	12/48
TCS100024	24	12.0	0.33	Y	12/48

Cell Culture Inserts



The surface of the cell culture insert is super hydrophilic and placed in a 24-well culture plate for ease of cell culture without the need for a matrix coating and can be optimized for 3-d cell imaging.
Our cell culture inserts and plates meet ANSI standards and are equipped with alphanumeric well identification; all items are USP Class VI, sterile and include lids.



Application Examples

Transport studies

*Molecules including hormones and growth factors
*Drug transport across epithelial [Caca-2) and endothelial barriers
*Drug transport across brain microvascular endothelial cells

Co-cultivation studies

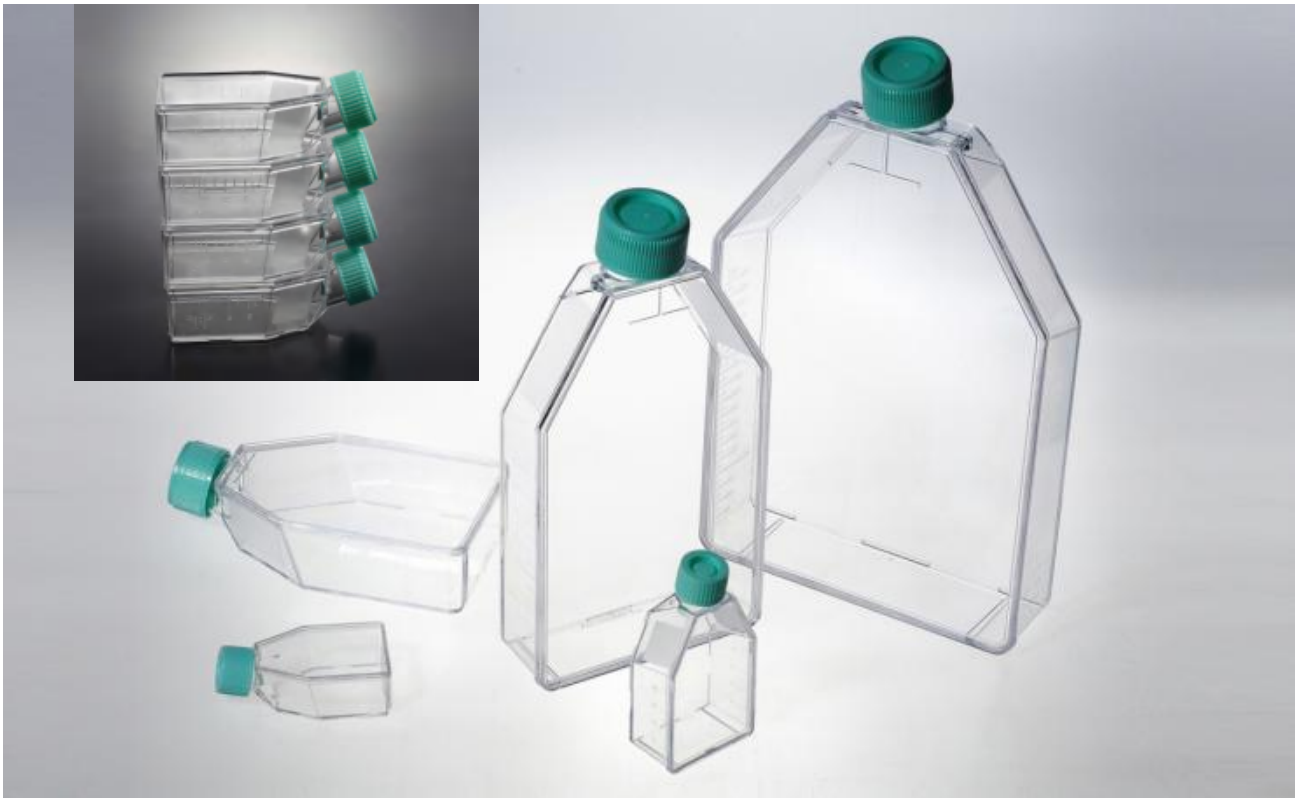
*Cell-cell interaction
*Cell-marix cell interaction
*Cell-substrate interaction

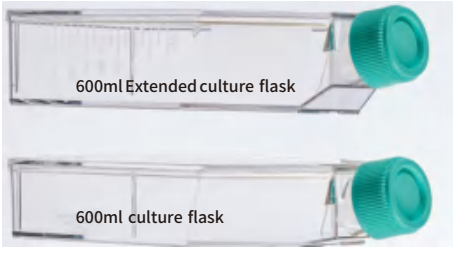
Tissue engineering

*Angiogensis
*Dermal/epidermal and epithelial tissue models

Cat. NO	Pore size (μm)	Culture Area (cm^2)	Suggested working Volume (mL)	No. insert/multi-deshes	No. Of multi-dishes/case
TCS021024	0.4	4.7	1.1	24	4
TCS031024	3.0	4.7	1.1	24	4

Cell and Tissue Culture Flasks





Plug sealing caps:

Standard polyethylence caps can be used in closed systems,providing a liquild and gas sheer seal.But it can be simply unscrew the cap one quarter of a turn,this cap can also be used in open system.

Vented caps:

Vented polyethylence caps contain a 0.22μm hydrophobic filter to allow gas exchange and minmize risk of cross-contamination.

Cell and Tissue Culture Flasks are perfect for cell growth and cell yields aim on little and medium input volume.

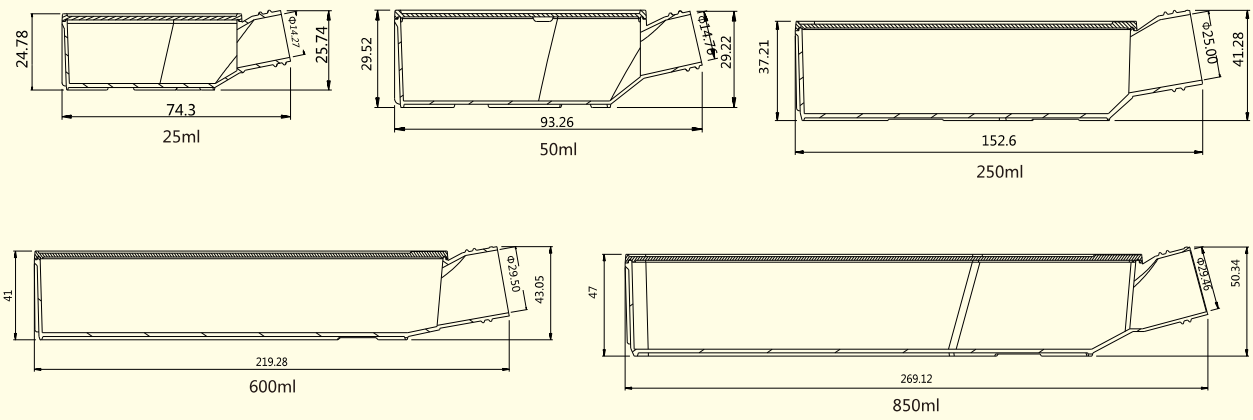
*Available with 5 different growth areas of 12.5cm², 25cm², 75cm², 182cm², 300cm²
*Available in surface-treated, Non-treated
*Flacks surface is flat and free from striation to maximize usable growth area
*2 different cap styles can be used in both open and closed systems
*Innovative angled neck design offers good pipet and cell scraper access in
*Upper triangular and wider base shape provides stability
*Protrudent ridge on the back side of the flask makes it easy for stacking
*Special area near the neck for easy mark writing
*Both flask sides have engraved graduation
*Strict integrity tested
*Sterilized by irradiation
*DNase / RNase-free &Non-pyrogenic

Order Information

*Vacuum Package in durable zip resealable self-standing plastic bags that allow flasks to remain upright and reduce contamination
*Every package bag is labeled with lot number for quality traceability

Cat. No.	Volume (ml)	Surface Type	Well Volume (ml)	Cap Styles	Sterile	Qty.per bag/case
TCF001025	25	General, Non-treated	20	Standard	Y	10/200
TCF002025	25		20	Vent	Y	10/200
TCF001050	50		40	Standard	Y	10/200
TCF002050	50		40	Vent	Y	10/200
TCF001250	250		175	Standard	Y	5/100
TCF002250	250		175	Vent	Y	5/100
TCF001600	600		400	Standard	Y	5/40
TCF002600	600		400	Vent	Y	5/40
TCF101600	600(Extended)		500	Standard	Y	5/40
TCF102600	600(Extended)		500	Vent	Y	5/40
TCF001850	850		800	Standard	Y	3/18
TCF002850	850		800	Vent	Y	3/18

Cat. No.	Volume (ml)	Surface Type	Cell Growth Area (cm^2)	Well Volume (ml)	Cap Styles	Sterile	Qty.per bag/case
TCF011025	25	Standard, Surface treated	12.5	20	Standard	Y	10/200
TCF012025	25		12.5	20	Vent	Y	10/200
TCF011050	50		25.0	40	Standard	Y	10/200
TCF012050	50		25.0	40	Vent	Y	10/200
TCF011250	250		75.0	175	Standard	Y	5/100
TCF012250	250		75.0	175	Vent	Y	5/100
TCF011600	600		182.0	400	Standard	Y	5/40
TCF012600	600		182.0	400	Vent	Y	5/40
TCF111600	600(Extended)		182.0	500	Standard	Y	5/40
TCF112600	600(Extended)		182.0	500	Vent	Y	5/40
TCF011850	850		300	800	Standard	Y	3/18
TCF012850	850		300	800	Vent	Y	3/18



Cell and Tissue Culture Dishes



Cell and Tissue Culture Dishes are ideal containers for cell growth and yields aim on little and medium input volume, and also useful in sample separation, pre-treatment, storage and so on.

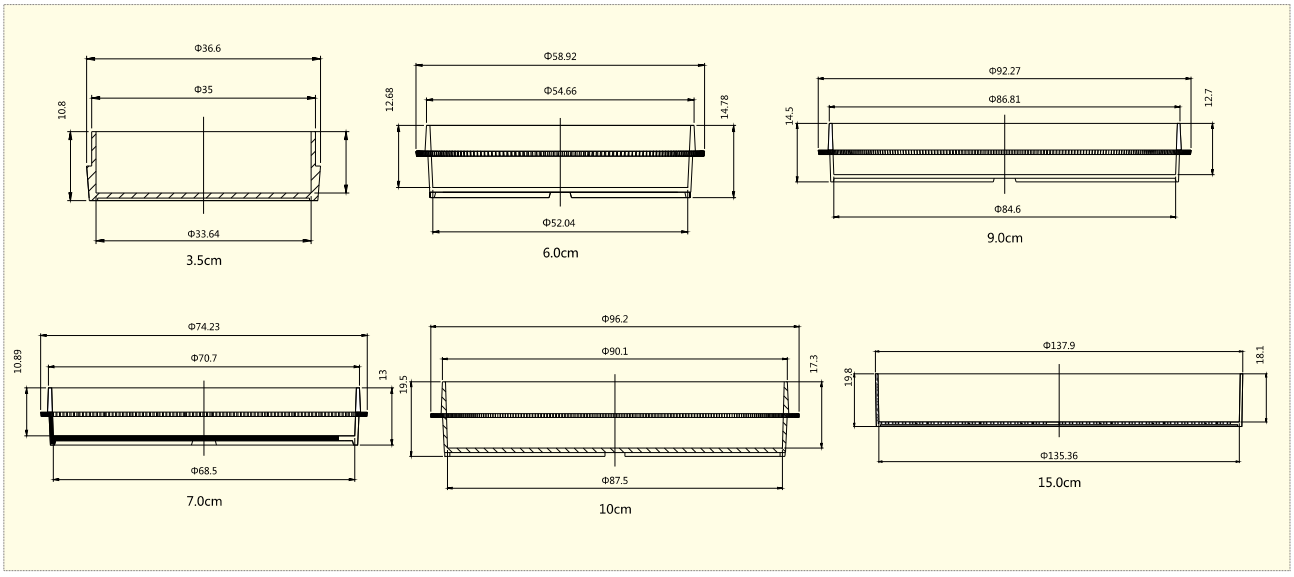
*Available with 6 different diameters of 3.5, 6.0, 7.0, 9.0, 10.0 and 15.0cm
*Available in surface treated, non-treated
*Flat bottom uniform wall thickness ensures distortion-free bottom
*Dish surface is smooth and free from striation to maximize usable area for growth
*The rim on upper side of the lid mates with the dish brim for easy and secure stack
*Lids with several little chimbs to shape vents are available for very effective gas exchange
*Sterilized by irradiation
*DNase / RNase-free &Non-pyrogenic

Ordering information

*Package in durable zip resealable self-standing plastic bags that allow dishes to remain upright and reduce contamination
*Every package bag is labeled with lot No.

Cat. No.	Volume (mm)	Surface Type	Diameter(mm)	Height(mm)	Capacity(ml)	Qty.per bag/case
TCD000035	35	General, Non-treated	33.64	10.8	2-3.5	10/960
TCD000060	60		52.04	12.68	4-7	10/600
TCD100060	60		54.70	13.90	4-7	10/600
TCD000070	70		68.50	15.40	6-11	10/600
TCD000090	90		84.60	16.50	10-18	10/500
TCD000100	100		87.80	22.30	12-20	10/300
TCD000150	150		135.36	22.0	25-50	1/120

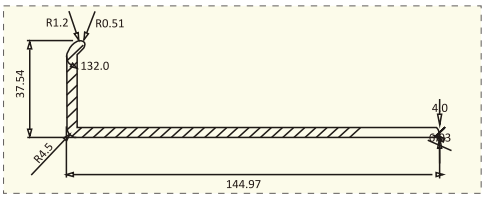
Cat.No.	Volume(mm)	Surface Type	Diameter(mm)	Height(mm)	Cell Growth Area(cm^2)	Qty.per bag/case
TCD010035	35	Standard, Surface treated	33.64	10.8	8.5	10/960
TCD010060	60		52.04	12.68	21.2	10/600
TCD110060	60		54.70	13.90	3.3(Center hole)	10/600
TCD010070	70		68.50	15.40	36.3	10/600
TCD010090	90		84.60	16.50	58.4	10/500
TCD010100	100		87.80	22.30	60.8	10/300
TCD010150	150		135.36	22.0	143.0	1/120



L-shaped Cell Spreader



*Disposable green L-shaped cell spreaders are ideal for spreading cell or bacterial cultures evenly.
*The L-shaped can be used on the entire dish or plate surface.
*The upward design at the end greatly reduces the damage to culture medium.
*Spreaders are made of polypropylene and eliminating flame and autoclaving disinfection.
*Sterilized by irradiation
*Individually wrapped and bulk packaging
*DNase / RNase-free &Non-pyrogenic



Cat. NO	Description	Qty./case
CSP011014	PP Individually Wrapped, Sterile	1/100
CSP012014	PP,10 per pack, Sterile	10/500

CellATTACH® Surface Products

The CellATTACH surface treatment is the latest technology invented by JET's R&D team. This super hydrophilic surface offers a significant advantage over the traditional cell culture surface. As a result, cellATTACH surface treatment can improve cell spreading and attachment, is suitable for the cells that may adhere poorly due to cell phenotype, stressful culture conditions, or those which generally require additional biological coatings for attachment.

CellATTACH® Cell and Tissue Culture Flasks

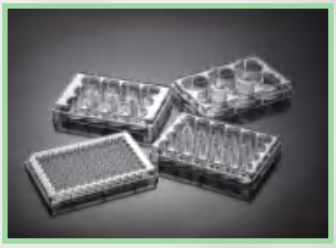
*Available with 5 different growth areas of 12.5cm², 25cm², 75cm², 182cm², 300cm²
* CellATTACH®Surface Treated
*Flack surface is flat and free from striation to maximize usable growth area
*2 different cap styles can be used in both open and closed systems
*Innovative angled neck design offers good pipet and cell scraper access in
*Upper triangular and wider base shape provides stability
*Protrudent ridge on the back side of the flask makes it easy for stacking
*Special area near the neck for easy mark writing
*Both flask sides have engraved graduation
*Strict integrity tested
*Sterilized by irradiation
*DNase / RNase-free & Non-pyrogenic



Cat. NO	Volume (ml)	Surface Type	Appro.Cell Growth Area(cm²)	Cap Style	Sterile	Qty.per bag/case
CAF011025	25	CellATTACH® Surface Treated	12.5	Standard	Y	10/200
CAF012025	25		12.5	Vent	Y	10/200
CAF011050	50		25.0	Standard	Y	10/200
CAF012050	50		25.0	Vent	Y	10/200
CAF011250	250		75.0	Standard	Y	5/100
CAF012250	250		75.0	Vent	Y	5/100
CAF011600	600		182.0	Standard	Y	5/40
CAF012600	600		182.0	Vent	Y	5/40
CAF111600	600(Elevated)		182.0	Standard	Y	5/40
CAF112600	600(Elevated)		182.0	Vent	Y	5/40
CAF011850	850		300.0	Standard	Y	3/18
CAF012850	850		300.0	Vent	Y	3/18

CellATTACH® Cell and Tissue Culture Plates

*Available with 6 different growth surface areas of 6, 12, 24, 48, 96 and 96U wells
*CellATTACH®Surface Treated
*Uniform well volume ensures equal growth surface area
*Flat well bottom and round bottom plate
*Well surface is smooth and free from striation to maximize usable growth area
*Raised rims on wells with the uniform rings on the lid to reduce evaporation
*Single position lid reduces the risks of cross-contamination and the handling mistakes
*Wells are labeled with alphanumeric code for easy identification
*Suitable for all common instruments and automation
*Sterilized by irradiation
*DNase / RNase-free &Non-pyrogenic



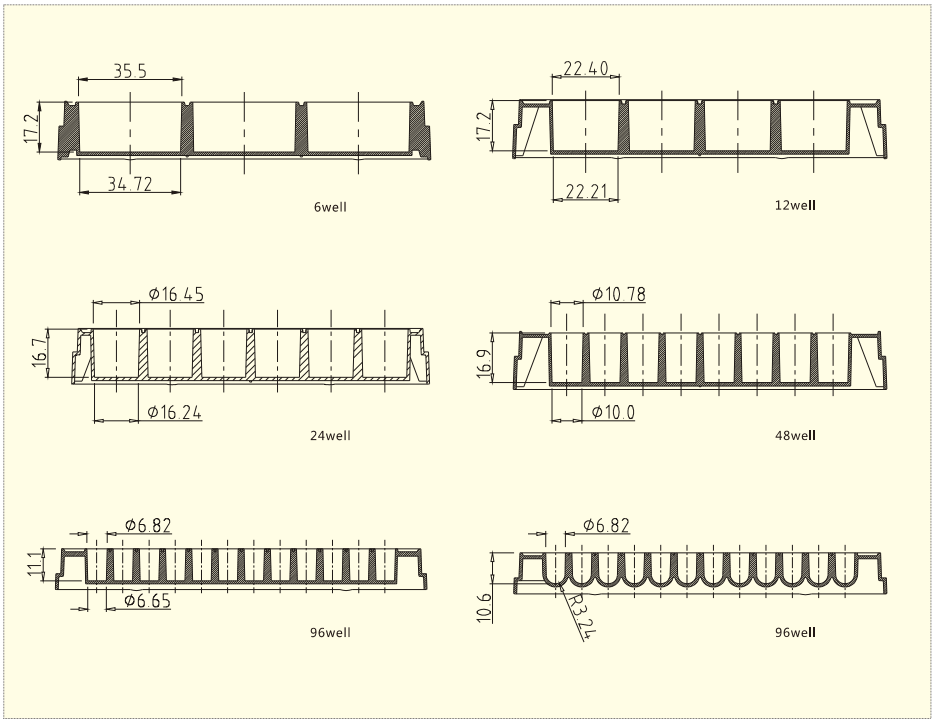
Cat. NO	Well Qty.	Bottom	Surface Type	Cell Growth Area(cm²)	Qty.per bag/case
CAP011006	6	Flat	CellATTACH® Surface Treated	9.6	1/100
CAP011012	12	Flat		3.85	1/100
CAP011024	24	Flat		1.93	1/100
CAP011048	48	Flat		0.83	1/100
CAP011096	96	Flat		0.83	1/100
CAP012096	96	U		0.075-0.20	1/100

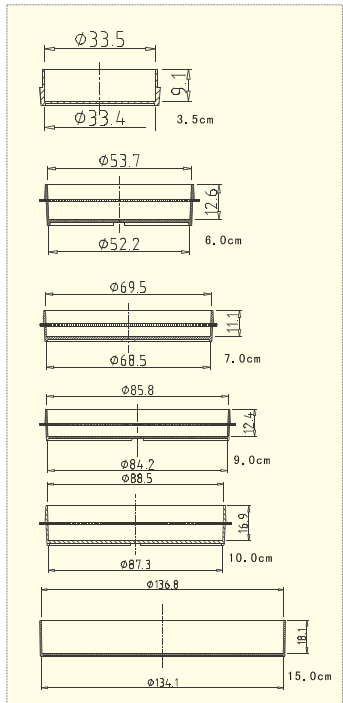
CellATTACH® Cell and Tissue Culture Dishes



*Available with 6 different diameters of 3.5, 6.0, 7.0, 9.0, 10.0 and 15.0cm
* CellATTACH®Surface Treated
*Flat bottom uniform wall thickness ensures distortion-free bottom
*The rim on bottom side of the lid mates with the dish brim for easy and secure stack
*Lids with several little chimbs to shape vents are available for very effective gas exchange
*Numeric scale 12,3,6,9 divides dish into quadrants for easy orientation
*DNase / RNase-free &Non-pyrogenic

Cat. NO	Diameter(mm)	Surface Type	Height	Cell Growth Area(cm²)	Sterile	Qty.per bag/case
CAD010035	35	CellATTACH® Surface Treated	6.0	8.5	Y	1/100
CAD010060	60		10.8	21.2	Y	1/100
CAD010070	70		15.4	36.3	Y	1/100
CAD010090	90		16.5	58.4	Y	1/100
CAD010100	100		22.3	60.8	Y	1/100
CAD010150	150		22	143.0	Y	1/100





CellDETACH™ Thermosensitive Culture Surface Incubators

In cell culture, the process of removing cells from a culture substrate, also known as dissociation, is usually accomplished by treating them with proteolytic enzymes such as trypsin. However, trypsin treatment can affect the expression of cell surface proteins, and may damage cell health. In addition, it will lead to the degradation of cell surface proteins.
In order to avoid this damage and improve the quality of harvested cells, CellDETACH™ thermosensitive culture surface can be used. As the temperature drops from 37 °C to below 4 °C, the thermosensitive surface changes from hydrophobic to hydrophilic, adherent cells with high vitality and complete surface protein can be obtained, cell damage by scraper or protease can be avoided, and cell surface protein can be retained to the greatest extent.



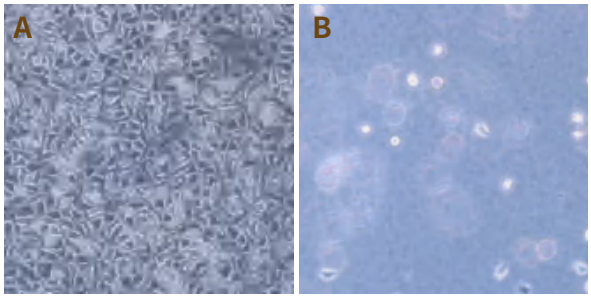




Product Advantage

CellDETACH™ temperature-sensitive culture surface is specially designed by the R&D team of JET BIOFIL for cell passage,single-cell analysis and cell transplantation, which aims to help experimenters harvest single-cell cells Slices, build 3D tissue models linked by normal cells and extracellular matrix, simplify cell culture and tissue engineering techniques, and minimize experimental manipulation time.

- National invention patent (patent number: ZL201510780506.3)
- Induce cell shedding simply by lowering the temperature, simple, fast and easy to operate
- No need for trypsinization required: better maintain the integrity of cell surface proteins and markers
- No need for cell scraper: avoid mechanical damage to cells and ensure high cell activity
- Simplified cell culture and tissue engineering techniques



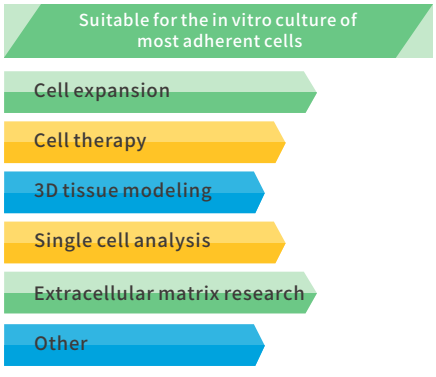
37°C exchange rate＞80% harvest
4°C environmental preservation 20-30min

Cell shedding rate＞80-90%

A. Pictures of using L929 cells cultured at 37°C, 5% CO_2 for 48h
B. Pictures after cooling and blowing at 4°C for 20min

Scope of Application

The temperature-sensitive culture surface is suitable for the in vitro culture of most adherent cells, such as stem cells, neural cells, macrophages, cancer cells, etc. It is ideal for non-invasive cell harvesting. It can be widely used in cell expansion, cell therapy, single cell analysis, 3D tissue modeling, extracellular matrix research and other fields.



Instructions for Use
In Vitro Cell Culture

- When the temperature is above 32°C, the temperature-sensitive polymer coating on the surface of CellDETACH™ temperature-sensitive culture is in a polymer curl state, showing slight hydrophobicity. Facilitates cell attachment and growth.
- When the temperature is below 32°C, the temperature-sensitive polymer coating on the surface is in a polymer stretched state, which will bind water molecules and expand, showing hydrophilicity, which will facilitate the shedding of adherent cells. It will be beneficial to the shedding of adherent cells.When the temperature drops to 4 °C, the shedding efficiency is the best.
- When the temperature of the temperature-sensitive culture surface drops below 32°C, excessive disturbance may cause cells to fall off, so please do not delay too much when taking pictures and observing during cell culture.

Cell Harvesting

- The best harvest is achieved when the confluence of cells is less than 80%.
- When cells are harvested, the culture environment temperature can be reduced to 4 °C first, or the thermosensitive products can be placed in a sterile clean space with room temperature of 4 °C, or the culture medium in the thermosensitive products can be directly replaced with a culture medium of 4 °C to speed up the cooling speed (if there is no clean low-tem perature incubator, it can also be placed in a clean refrigerator).
- When the temperature of the thermosensitive culture surface drops to 4 °C, then keep it for 20 ~ 30 minutes, and then suck the culture medium above the thermosensitive culture surface with a straw (culture dish), pipette or electric pipette (culture bottle with a volume of more than 250ml), and blow the cells attached to the culture surface to make them fall off, or disturb the culture medium above the thermosensitive culture surface to make the cells fall off. During the blowing process, it can be seen that the cells have fallen off from the thermosensitive culture surface by naked eyes or microscope observation.
- The thermosensitive shedding ability of cells depends on the type of cells, and some cells with strong adherence may be difficult to fall off, which requires multiple blows to fall off. If general cells are digested and harvested with conventional pancreatin, the longer the digestion time of pancreatin, the stronger their adherence ability (for example, those digested at 37 °C for more than 3 minutes with 0.25% fresh pancreatin are regarded as cells with strong adherence ability).

Cell Culture Dishes

Cat.No.	Diameter(mm)	Sterile	Appro. Cell Growth Area (cm^2)	Per.Bag(Box)/Case
CDD022100	100	Y	60.8	1/24
CDD023100	100	Y	60.8	5/100

Cell Culture Flasks

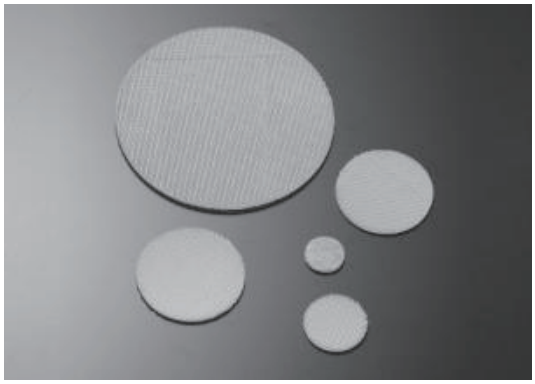
Cat.No.	Volume(mm)	Cap Style	Sterile	Appro.Cell Growth Area (cm^2)	Per.Bag/Case
CDF024600	600	Vent	Y	182	1/20
CDF023600	600	Vent	Y	182	5/40
CDF014600	600	Plug Seal	Y	182	1/20
CDF013600	600	Plug Seal	Y	182	5/40

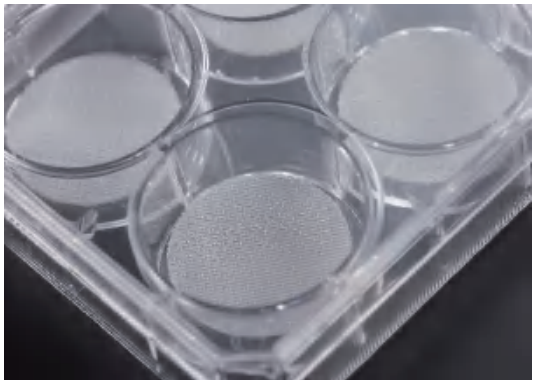
CellDETACH™Thermosensitive cell surface devices are for scientific research only, single use only.

Storage and Transportation

- This product should not be exposed to direct sunlight or exposure for a long time, but can be stored and transported at room temperature.
- Shelf Life: one year

CellSCAFLD® 3D Cell Culture Products





CellSCAFLD® 3D cell culture Products series include culture plates with 6, 12 and 24 wells and culture dishes in sizes of 3.5cm, 6.0cm and 7.0cm.
They are all made of polystyrene (GPPS), a high molecular material. 3D scaffold for cell culture is able to simulate the three-dimensional structure of the cells in animals and the human body to the maximum extent, to provide an ideal environment for the interaction between cells, to greatly improve culture area, and to extremely improve the yield of cell culture.
JET 3D scaffold for cell culture which is a patented product (patent number: ZL201620728244.6, ZL201620728243.1, 201510783345.3) is an ideal tool for three-dimensional cell culture, cell-cell interaction mechanism, cell immunotherapy, stem cell therapy, drug screening and the production of cellular drug.

*The whole 3D scaffold for cell culture is made of polystyrene that is a polymer, with a mean wire diameter of 500μm, a mean wire spacing of 260μm, and high regularity.
*The product is structured with 3-dimensional channels, and has extremely high connectivity, facilitating the transmission of nutrients, the consistency of metabolic activity and the accuracy of culture results in 3D cell culture;
*3D cell culture is more likely to the expression of cell functions as compared with 2D, and simulate the three-dimensional structure of the cells in animals and the human body to the maximum extent, providing an ideal environment for the interaction between cells;
*Polystyrene-made, cytokine and growth factor resistant, easy cell secretion collection, time-saving and free from extra separating steps.
*Open pores with high connectivity, facilitating nutrient absorption and metabolism.
*3D scaffold with larger surface area than regular cell culture products, material efficient.
*Strict integrity tested
*Sterilized by irradiation
*Non-pyrogenic & DNase/RNase-fre

Ordering Information

*The cell slide is made of medical-grade high-transparent PET/PETG, the culture surface undergoes high hydrophilic treatment
*The integrated cell slides are fixed in the culture dish; if further test is necessary after cell culture, the cell slides can be taken out one by one and placed in a culture plate or other containers with a corresponding specifications
*Each box of products is matched with individually packed sterile metal tweezers
*Individually packaged in peel-to-open plastic blister pack
*Every case in printed with lot No. for quality traceblity

Cat. No.	Type	Size(mm)	Fiber diameter(μm)	Aperture(μm)	Number of brackets/box	Bracket surface area(cm^2)	Total surface area of the stent(cm^2)	Characteristic	Package Box/Case
TDD032035	3.5cm	32.0x1.6	500	260	1	43	43	The 3D scaffold is a four-layered three-dimensional structure with a highly hydrophilic surface and adherent culture. The 3D scaffold is built into the culture plate well or culture dish.	1/40
TDD032060	6.0cm	51.0x1.6	500	260	1	109	109		1/30
TDD032070	7.0cm	67.5x1.6	500	260	1	191	191		1/30
TDP032006	6Well	33.5x1.6	500	260	3	48	144		1/8
TDP032012	12Well	21.0x1.6	500	260	6	19	114		1/8
TDP032024	24Well	15.0x1.6	500	260	12	10	120		1/8

There are four layers in one scaffold. And 4 different colors corresponding that.From plan view and vertical view.
In accordance with both pictures, obviously showing this structure consisting of four layers of fibre,waved verticalto each other,and not overlapping.



Easy to use



Prepare the required volume of cell suspension



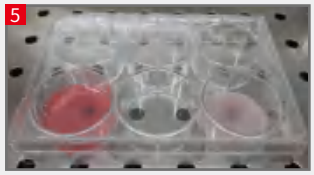
Add the cell suspension to the 3D scaffold slowly



Ensure that the 3D scaffold is fully coveredwith cell suspension and avoid overflow



Use tweezers to pick up the 3D scaffold and place it into the tissue culture dish



After finishing vaccinal cell,put the dish into a 37°C and 5% CO^2 incubator for culturing for three hours.

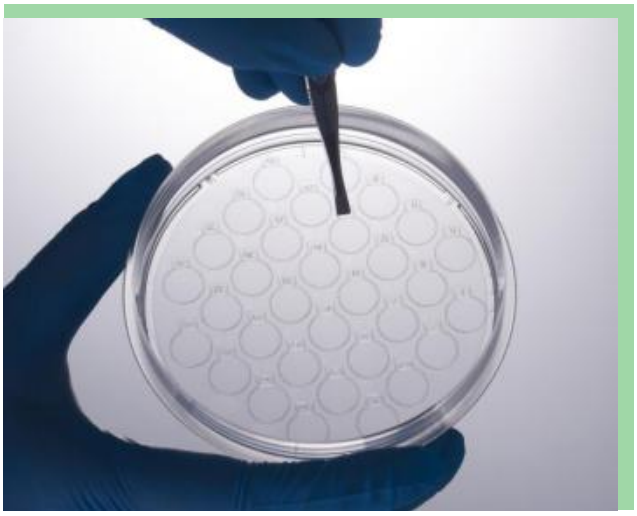


After three hours , slowly add the cell culture medium through the dishs internal wall



Place the 3D scaffold into the incubator once the cell culture medium covers the scaffold completely

JET CellSLIP® Cell slide





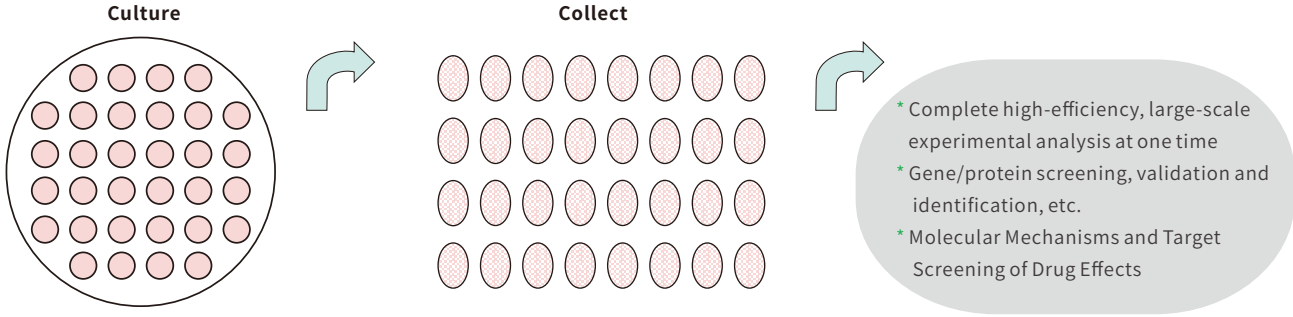
With the continuous updating and rapid development of life sciences research, technical indexes analyzed and observed by cell culture experiment are increasing, and their covered fields are expanding. JET CellSLIP® Cell slide is a material of in vitro cell experiment achieved by adherent cells growing adherent to a certain solid surface (e.g., cover glass, slide glass) according to requirements for experimental research. HE staining and immunocy to chemistry of a large number of cell slides are often required in many research projects with massive samples and numerous indicators to be measured. However, routine cell slides used currently have serious defects. For instance, cell slides are prone to be damaged because they are made of glass; cell slides are difficult to be controled due to no handle; cells can grow in any part of the cell slide and their container when culturing, etc. JET cell slide and culture dish which is a patented product (patent number: ZL201520113833.9, ZL201420594580.7, ZL201420594259., ZL200610047607.0) solves various defects of existing cell slides and contributes to simple and easy operation of above experimental studies and application.

*The cell slide is made of PET, has high strength and is unbreakable;
*Only the surface of the cell slide undergoes high hydrophilic treatment, so cells are easy to grow adherent to the cell slide; while other parts receive hydrophobic treatment, thus cells are difficult to grow
*There are 2 specifications with different diameters: 8 and 10mm; the number of cell slides with single dish：12/18/32/45.
*Transparency and light transmittance of the cell slide are good; therefore, cells can be clearly observed under a light microscope and a fluorescence microscope
*The specific set structure of the cell slide can realize the development of multi-factor, multi-index and multi-level in vitro study under the same conditions, resulting in accurate and reliable research results
*Cell culture once can prepare multiple cell slides for different studies and objectives, increasing work efficiency
*The handle of the cell slide tilts with a certain angle, which is convenient for operators to directly clamp. The handle is engraved with numbers, facilitating identification
*The product and forceps for the cell slide are both sterilized with gamma ray, and should be used immediately after opening
*DNase and RNase-free
*Non-pyrogenic

Cat. No.	Dish	Cell slide Qty.	Diameter (mm)	Appro. Cell Growth Area (cm²) Total	Plate	Qty. per Box/Case
CXD206008	6cm	18	8	9.0	48	1/48
CXD206010	6cm	12	10	9.42	48	1/48
CXD310008	10cm	45	8	22.6	48	1/24
CXD310010	10cm	32	10	25.12	48	1/24

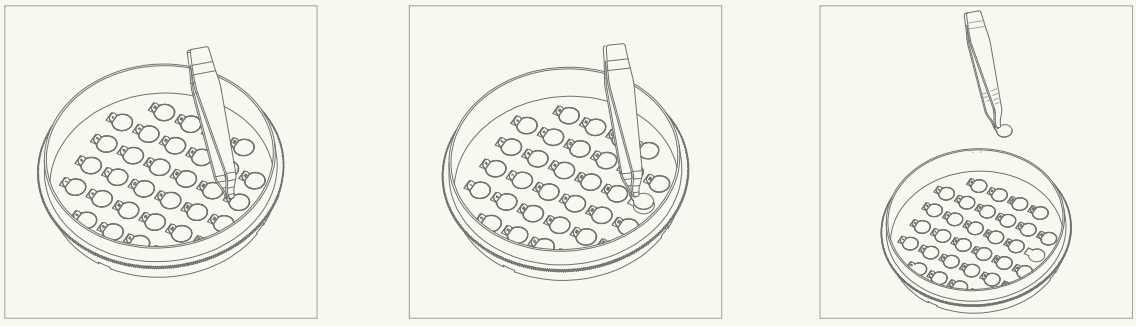
Ordering Information

*The cell slide is made from medical-grade high-transparent PET/PETG, the culture surface undergoes high hydrophilic treatment
*The integrated cell slides are fixed in the culture dish; if further test is necessary after cell culture, the cell slides can be taken out one by one and placed in a culture plate or other containers with a corresponding specifications
*Each box of products is matched with individually packed sterile metal tweezers
*Individually packaged in peel-to-open plastic blister pack
*Every case has printed with lot No. for quality traceablity



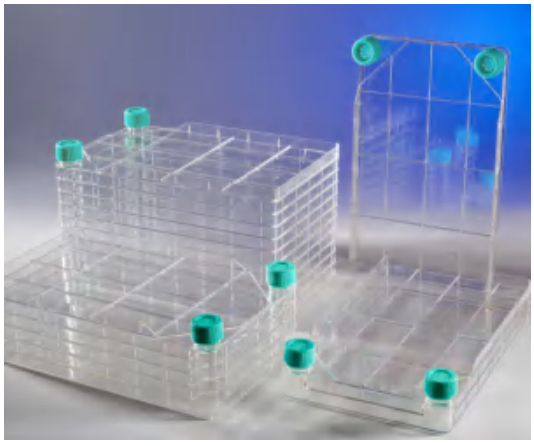
Instructions for use

*Cell culture: Add the cell suspension evenly to the climbing section, shake the culture dish gently to distribute the cell suspension evenly, place the culture dish in a carbon dioxide incubator for 24 hours, and the cells will adhere to the wall normally. Experiments require continued culture or downstream biological experiments.
*Take the slide: Take the matching tweezers to ensure that the cells on the slide are not damaged as much as possible. Use the tweezers to pick up the handle of the cell slide, in a horizontal direction, and gently remove the slide.
*Observe cells: place the culture dish directly under an inverted microscope to observe the cell morphology; or take out the cell slide and place it on a glass slide, then cover it with a cover glass to observe the cells, or observe the cells under a microscope after staining or labeling the cells form.
*Cell staining or labeling: In the process of cell staining or labeling, the growing side of the cell is facing down, and it is in complete contact with the cell staining solution or other cell labeling solutions, which can save the amount of dyes and improve the staining quality.
*Cell harvesting: After the cells are cultured, take an appropriate amount of PBS to wash the cells 1-2 times, drop an appropriate amount of trypsin to cover the entire cell growth surface, after incubation for a period of time the cells become round, aspirate the trypsin, and drop an appropriate amount of complete cell culture Liquid pipetting the cells until all cells fall off, and it can be completed.
*Application examples: cell morphology observation (such as immunofluorescence staining experiment), cell ultrastructure observation (such as cell section or electron microscope observation), DNA fluorescent probe hybridization and RNA in situ hybridization, nucleic acid analysis (such as DNA and RNA extraction) and detection), cytotoxicity detection (such as MTT method), cell induction and drug sensitivity screening.



Step 1 Step 2 Step 3

CellFac®Multi-Layer Cell Culture System



*The culture device with monolayer or up to 10 layers can realize large-scale cell culture by one time
*Available in surface treated or non-treated
*The device is assembled by hydrophobic membranes with a aperture of 0.22 μm to avoid potential contamination in gas exchange
*The device does not absorb cytokines and growth factors, and conventional trypsin digestion method is applied in cell harvesting
*Strict integrity teste
*Sterilized by irradiation
*Non-pyrogenic & DNase/RNase-free

In the past ten years, due to the rapid development of biological products, the traditional method of obtaining biological products from animal tissues by biochemical technology has been far from meeting the needs of the market, and in vitro large-scale culture of animal cells which is applied to express specific proteins, monoclonal antibodies and interferon and product virus vaccine has become the most common technology currently.

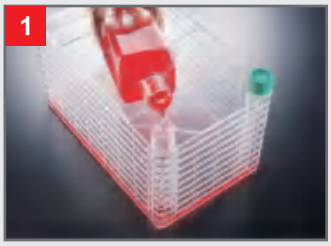
At present, the common methods of cell culture include conventional cell culture dish, plate, bottle, spinner bottle, bioreactor, etc. The above cell culture devices have the following serious defects: 1) the unit volume of cell culture vessel and apparatus provides a surface area for cell growth, cell growth density is low, the number of harvested cells in a single culture is low, and a large amount of materials, labor and time are needed in repeated cultures; 2) conventional cell culture dish, plate and bottle are all open type, so contamination is prone to happen in the process of liquid adding, inoculation and cell harvesting.

The high-throughput cell culture apparatus developed by JET is made from medical-grade general purpose polystyrene (GPPS) that is a polymer (patent number: ZL201220167380.4ZL201220167162.0), and is an ideal tool for large-scale cell culture and the production of cellular drug.Product information.

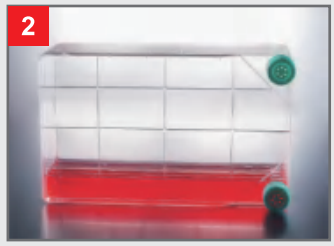
Cat.No.	Layers Qty.	Appro.Cell Growth Area (cm^2)	Working Volume(ml)	Material	Description	Sterile	Qty./Case
UCF010001	1	656	130-200	PS/HDPE	Non-Treated, Vent Cap	Y	1/8
UCF010002	2	1296	260-400	PS/HDPE		Y	1/6
UCF010005	5	3216	650-1000	PS/HDPE		Y	1/4
UCF010010	10	6416	1300-2000	PS/HDPE		Y	1/2

Cat.No.	Layers Qty.	Appro.Cell Growth Area (cm^2)	Working Volume(ml)	Material	Description	Sterile	Qty./Case
UCF011001	1	656	130-200	PS/HDPE	Surface Treated, Vent Cap	Y	1/8
UCF011002	2	1296	260-400	PS/HDPE		Y	1/6
UCF011005	5	3216	650-1000	PS/HDPE		Y	1/4
UCF011010	10	6416	1300-2000	PS/HDPE		Y	1/2

Guidelines For Use



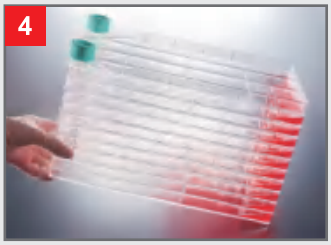
Pour the meadia directly into the Cell Factory system



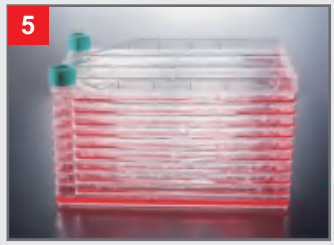
Equilibrate by placing the Cell Factory system on the side with the small port



Turn 90° so the filling inlet is inan upwar dposition, The medium will be separated,with equalamounts in each chamber.



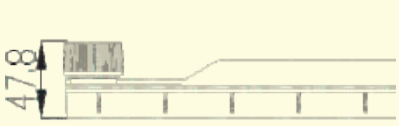
Carefully tilt the Cell Factory system to a horizontal incubation position with the filling inlet up



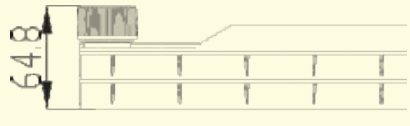
Incubate following appropriate protocol



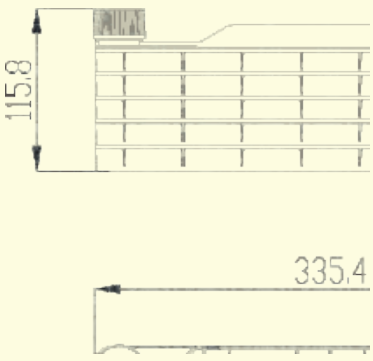
Loosen the cap and empty directly into the reservoir



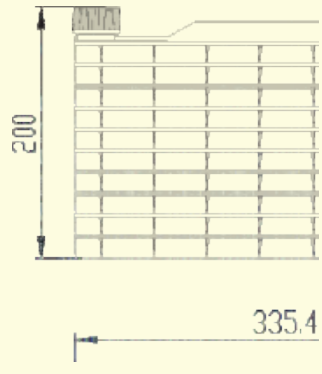
One Chamber



Two Chamber



Five Chamber



Ten Chamber

CellFac®Multi-Layer Cell Culture System Accessories



Vent Cap

Cat. NO	Description
UCF412002	Sterile,1 per bag, 10 per case



Sealing Cap

Cat. NO	Description
UCF411002	Sterile,1 per bag,10 per case



Middle hole conversion cover

Cat. NO	Description
UCF413002	Conversion cover, filter connection cover, big mouth to small mouth, 1 per bag,10 per case



Small hole conversion cover

Cat. NO	Description
UCF414002	Conversion cover, filter connection cover, Connectto a hose with aninner diameter of 3/8 inch (9.5mm), sterile, 10 pcs/bag, 10 pcs/carton



Hose clamp

Cat. NO	Description
UCF418001	which can clamp hoses with an outer diameter of 12mm-18mm 1 per bag,10 per case



Adapter

Cat. NO	Description
UCF415001	which can be connected with #17 hose and 30mm filter 1 per bag,10 per case



Hose

Cat. NO	Description
UCF419001	3/8 inch (9.5mm) inner diameter and 5/8 inch (15.9mm) outer diameter



Hose

Cat. NO	Description
UCF420001	#17Hose



Filter combination cover

Cat. NO	Description
UCF416001	30mm, PTFE 0.22um filter, #17 hose, small port conversion cover 1 set/bag, 1 bag /box



Filter combination cover

Cat. NO	Description
UCF417001	50mm, PTFE, 0.22μm filter, 3/8 inch (9.5mm) inner diameterhose, large mouth conversion cover, 1 set/bag, 1 pack/box



Syringe Driven Filter

Cat. NO	Description
PTF205030	30mm,PTFE 0.2um



Syringe Driven Filter

Cat. NO	Description
UCF420001	50mm ,PTFE 0.2um

Erlenmeyer Flask





Erlenmeyer Flask is suitable for the culture of cell lines with high requirements on oxygen. It can also be used for the culture of bacteria, fungi and animal and plant cells in suspension. Compared with the culture bottle, dish and transflask, it requires less work.

Product Description

*Made from optically clear PC or PETG
*Plain bottom and baffled bottom, baffled bottom improve mixing and increase gas exchange.
*Available with 4 volumes of 125ml, 250ml, 500ml and 1000ml
*Ideal for shaker culture applications and storage
*Molded-in graduations for accuracy
*Vent cap option for continuous gas exchange while ensuring sterility and preventing leakage
*Sterilized by irradiation
*RNase-/DNase-free , Non-pyrogenic
*Temperature range for PC Flasks: -80°C to +121°C
*Temperature range for PETG Flasks: -60°C to +60°C

Plain bottom erlenmeyer flasks

Cat.No.	capacity (ml)	Surface Type	Cap Style	Sterile	Qty.per bag/case
TAB101125	125	PETG	Standard	Y	1/24
TAB102125	125	PETG	Vent	Y	1/24
TAB101250	250	PETG	Standard	Y	1/12
TAB102250	250	PETG	Vent	Y	1/12
TAB101500	500	PETG	Standard	Y	1/12
TAB102500	500	PETG	Vent	Y	1/12
TAB101000	1000	PETG	Standard	Y	1/24
TAB102000	1000	PETG	Vent	Y	1/24
TAB001125	125	PC	Standard	Y	1/24
TAB002125	125	PC	Vent	Y	1/24
TAB001250	250	PC	Standard	Y	1/12
TAB002250	250	PC	Vent	Y	1/12
TAB001500	500	PC	Standard	Y	1/12
TAB002500	500	PC	Vent	Y	1/12
TAB001000	1000	PC	Standard	Y	1/24
TAB002000	1000	PC	Vent	Y	1/24

Baffled bottom erlenmeyer flasks

Cat.No.	capacity (ml)	Surface Type	Cap Style	Sterile	Qty.per bag/case
TAB111125	125	PETG	Standard	Y	1/24
TAB112125	125	PETG	Vent	Y	1/24
TAB111250	250	PETG	Standard	Y	1/12
TAB112250	250	PETG	Vent	Y	1/12
TAB111500	500	PETG	Standard	Y	1/12
TAB112500	500	PETG	Vent	Y	1/12
TAB111000	1000	PETG	Standard	Y	1/24
TAB112000	1000	PETG	Vent	Y	1/24
TAB011125	125	PC	Standard	Y	1/24
TAB012125	125	PC	Vent	Y	1/24
TAB011250	250	PC	Standard	Y	1/12
TAB012250	250	PC	Vent	Y	1/12
TAB011500	500	PC	Standard	Y	1/12
TAB012500	500	PC	Vent	Y	1/12
TAB011000	1000	PC	Standard	Y	1/24
TAB012000	1000	PC	Vent	Y	1/24

Roller Bottles



*Available with 3 bottle volumes of 1000ml, 2000ml, 5000ml
*Wide cell growth area of 490cm², 850cm², 1900cm² for adhesions and huge growth volume for suspension
*Available surface treated or non-treated
*Designed in large knurls on the cap for easy grip
*2 different cap styles can be used in both open and closed systems
*Bottle surface is smooth and free from striation to maximize usable area for growth
*Every bottle has silk-printed graduation
*Suitable for all the common instruments and automation
*Sterilized by irradiation
*Non-pyrogenic

Roller Bottles are optimal applications for large yield of cell growth and multiplication, that can be used in both research and manufacturing, including the growing of mammalian cells for purposes of virus propagation and bio-product production.

Ordering Information

*Single package in peel-to-open plastic bags to assure contamination-free
*Bottle cap is individually wrapped in package bag
*Every package case has labeled lot No.

Cat.No.	Volume(ml)	Surface Type	Appro. Cell Growth Area(cm²)	Working Volume (ml)	Cap style	Sterile	Qty. Per bag/case
TCB011001	1000	Standard, Surface Treated	490	100-150	Standard	Y	1/24
TCB012001	1000		490	100-150	Vent	Y	1/24
TCB011002	2000		850	180-260	Standard	Y	1/12
TCB012002	2000		850	180-260	Vent	Y	1/12
TCB031002	2000		1900	300-400	Standard	Y	1/12
TCB032002	2000		1900	300-400	Vent	Y	1/12

Cat.No.	Volume(ml)	Surface Type	Appro. Cell Growth Area(cm²)	Working Volume (ml)	Cap style	Sterile	Qty. Per bag/case
TCB001001	1000	General, Non-treated	490	100-150	Standard	Y	1/24
TCB002001	1000		490	100-150	Vent	Y	1/24
TCB001002	2000		850	180-260	Standard	Y	1/12
TCB002002	2000		850	180-260	Vent	Y	1/12

Cat.No.	Volume(ml)	Surface Type	Appro. Cell Growth Area(cm²)	Cap style	Sterile	Qty. Per bag/case
TCB011005	5000	Standard, Surface Treated	1700	Standard	Y	1/12
TCB012005	5000		1700	Vent	Y	1/12
TCB031005	5000		4250	Standard	Y	1/12
TCB032005	5000		4250	Vent	Y	1/12
TCB001005	5000	General, Non-treated	——	Standard	Y	1/12
TCB002005	5000		——	Vent	Y	1/12
TCB021005	5000		——	Standard	Y	1/12
TCB022005	5000		——	Vent	Y	1/12

Confocal Dish



*Available with 2 different glass bottom sizes of 15mm and 20mm
*Glass thickness: 0.12-0.16mm
*Borosilicate glasses is with high homogeneity,low bubble and inclusion content.
*Medical grade shadowless glue, highly transparent achromatic
*Suitable for fluorescent microscope experiments, confocal microscopy and phase-contrast microscopic experiments, etc.
*Suitablefor all for all living cells' examinations
*Dish surface is smooth and free from striation to maximize usable area for growth
*The rim on upper side of the lid mates with the dish brim for easy and secure stack
*Lids with several little chimbs to shape vents are available for very effective gas exchange
*Sterilized by irradiation
*Non-pyrogenic

Cat. No.	Pore Size (mm)	Surface Type	Sterile	Qty. Per bag/case
BDD011035	15	Standard, Surface treated	Y	10/240
BDD012035	20		Y	10/240
BDD001035	15	General, Non-treated	Y	10/240
BDD002035	20		Y	10/240

Cell Slide



Cat. No.	Pore Size (mm)	Sterile	Qty. Per bag/case
BDC000015	15	Y	100
BDC000020	19	Y	100
BDC000025	25	Y	100

Bio-Reaction Tubes



*Available with 2 volumes of 15 and 50ml
*Conical bottom and self-standing bottom
*Caps have an ultrasonically welded 0.22μm hydrophobic membrane to allow gas exchange
*With a large unerasable frosting white printed writing area
*Save money with the ability to culture and centrifuge in one tube
*Maximum RCF is 12,000g for 15mL tubes, 16,000 for 50mL conical bottom tubes, and 6,000g for self-standing tubes
*Engraved graduation at the conical bottom of each tube
*Leak-proof
*Sterilized by irradiation
*Non-pyrogenic

Bio-Reaction tubes are manufactured from high quality polypropylene, offer a convenient and economical option for small scale, high density suspension cell culture. Bio-reaction tubes consist of centrifuge tubes with a 0.22μm hydrophobic membrane in the vent cap. These tubes are perfect for biological reaction experiments that require aseptic conditions with free gas exchange.

Ordering Information

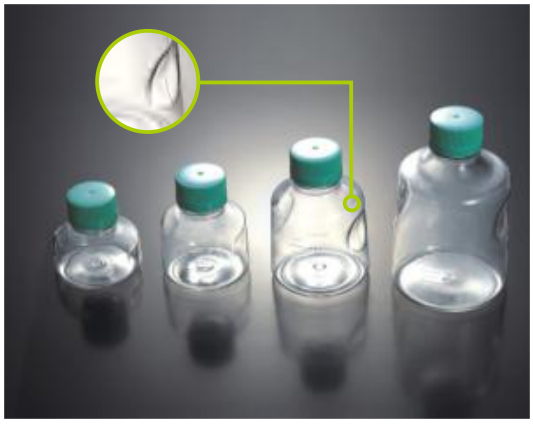
*Tubes are packaged in durable and resealable(zip closure) bags.
*Every bag/case has printed lot No. for quality tracebility

Bio-Reaction Cap

Cat.No.	Volume(ml)	Speciality	Sterile	Qty. Per bag/case
BRC000050	50	Tube Cap	Y	25/1000

Cat.No.	Volume(ml)	Bottom	Max Rotate Speed(xg)	Sterile	Package	Qty. Per bag/case
BRT000015	15	Conical	12000	Y	Re-sealable bag	10/100
BRT010015	15	Conical	12000	Y	Rack	50/300
BRT000050	50	Conical	16000	Y	Re-sealable bag	10/100
BRT010050	50	Conical	16000	Y	Rack	25/300
BRT011050	50	Self-standing	6000	Y	Re-sealable bag	10/100

Solution Bottles



Solution Bottles are safe for solution storage. The material specialty ensures the bottles chemical-resistant.

*Available with 5 different volumes of 150, 250, 500,1000 and 2000ml
*Light weight
*Heavy wall construction and edge knurls on the cap for easy screw
*Designed wide and easy access mouth for efficiently and stably pour out
*Engraved or silk-printed graduation
*Special concave for easy handling
*Sterilized by irradiation

Ordering Information

*Single package in easy-open packs to assure contamination-free
*Bottle cap is individually packed in package bag
*Every package case has labeled with lot No.

Cat.No.	Volume(ml)	Sterile	Qty. Per bag/case
CTF010150	150	Y	1/24
CTF010250	250	Y	1/24
CTF010500	500	Y	1/24
CTF010001	1000	Y	1/24
CTF010002	2000	Y	1/12

Culture Tubes





Culture tubes are mainly used for tissue culture, bacterial culture, storage of clinical samples, powder or liquid samples, as a variety of molecular biology test consumables, such as Elisa experiments, RIA analysis experiments and flow cytometry. The use of disposable plastic culture tubes is ideal for clinical sample storage, bacterial tissue culture, and molecular biology testing consumables.

* Available with high-quality polypropylene or polystyrene
* Available with Plug Caps or Dual-Position Caps
* Colorless and transparent are perfect for biological reaction experiments
* Thicker walls will not crush
* Conical bottom and U bottom
* DNase/RNase-free and non-pyrogenic
* Sterilized

TIPS:

PP: Polypropylene is a semi-crystalline thermoplastic. It has high impact resistance, strong mechanical properties, resistance to various organic solvents and acid-base corrosion. It has a wide range of applications in the industry and is one of the most commonly seen polymer materials.

PS: Polystyrene, which has very good geometric stability, thermal stability, optical transmission characteristics,electrical insulation properties, and a very small tendency to absorb moisture. It is resistant to water, diluted inorganic acids, but can be corroded by strong oxidizing acids such as concentrated sulfuric acid and can swell and deform in some organic solvents.

Cat.No.	Volume(ml)	Cap Styles	Bottom	Material	Sterile	Qty. Per bag/case
TUB000004	4	No Cap	Conical	PP	N	1000
TUB010004	4	No Cap	Conical	PS	N	1000
TUB020004	4	Dual Cap	Conical	PP	Y	25/500
TUB012004	4	Dual Cap	Conical	PS	Y	25/500
TUB000005	5	No Cap	U-bottom	PP	N	1000
TUB011005	5	No Cap	U-bottom	PS	N	1000
TUB022005	5	Plug Cap	U-bottom	PP	Y	25/500
TUB023005	5	Plug Cap	U-bottom	PS	Y	25/500
TUB025005	5	Dual Cap	U-bottom	PP	Y	25/500
TUB028005	5	Dual Cap	U-bottom	PS	Y	25/500
TUB000008	8	No Cap	U-bottom	PP	N	1000
TUB010008	8	No Cap	U-bottom	PS	N	1000
TUB002008	8	No Cap	U-bottom	PP	N	125/1000
TUB013008	8	No Cap	U-bottom	PS	N	125/1000
TUB002140	14	No Cap	U-bottom	PP	N	1000
TUB004140	14	No Cap	U-bottom	PS	N	1000

Round-Bottom Tubes with Dual-position Cap



Colorless and transparent are perfect for biological reaction experiments.

*Available with high-quality polypropylene or polystyrene
*Molded graduations stand out distinctly on these optically clear tubes
*Colorless and transparent are perfect for biological reaction experiments
*Thicker walls will not crush
*DNase/RNase-free and non-pyrogenic
*Available in sterilized or non-sterilized

Cat.No.	Volume (mL)	Description	Sterile	Qty. Per bag/case
TUB000140	14	Polypropylene,Clear, 17*100mm, Round BottomTube	N	50/500
TUB011140	14		Y	25/500
TUB100140	14	Polystyrene,Clear, 17*100mm, Round BottomTube	N	50/500
TUB111140	14		Y	25/500

15ml PS Centrifuge Tubes



Molded graduations stand out distinctly on these optically clear polystyrene tubes.

*Made with high-quality USP Classic VI polystyrene
*Molded graduations stand out distinctly on these optically clear polystyrene tubes
*Colorless and transparent are perfect for biological reaction experiments
*Engraved graduation at the bottom of each tube
*Max RCF up to 3000xg
*Leak-proof
*Non-pyrogenic

Cat.No.	Volume (mL)	Material	Bottom	Sterile	Speciality	Package	Qty.per bag/case
CFT410150	15	PS	Conical	N	Dnase/Rnasefree,Non-pyrogenic	50	500
CFT411150	15	PS	Conical	Y	Dnase/Rnasefree,Non-pyrogenic	25	500
CFT421150	15	PS	Conical	Y	Dnase/Rnasefree,Non-pyrogenic	25	500
CFT721150	15	PS	Conical	Y	Dnase/Rnasefree,Non-pyrogenic	25	300

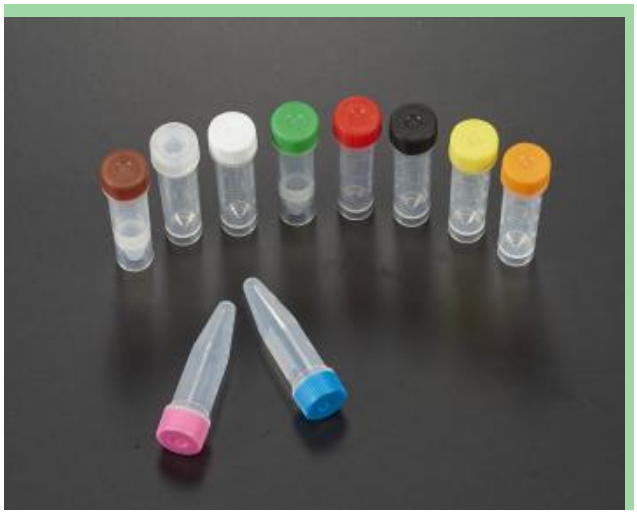
Medium Bottles



*Bottle is used with PETG free of heavy metal
*Screw cap is used with HDPE (High Density Polyethylene), free of heavy metal
*Bottle is embossed graduation two sided
*Shelf life is three year after month of production
*All used materials meet the legal requirements of FDA
*Temperature range from -60 °C to 60°C
*Non-autoclavability
*Free of detectable DNase/RNase, human DNA and pyrogens

Cat.No.	Volume (mL)	Description	Sterile	Qty.per bag/case
SSB010125	125	Natural Cap	Y	24/96
SSB130500	500	Natural Cap	Y	24/48
SSB030500	500	Natural Cap	Y	24/48
SSB040500	500	Natural Cap	N	24/48
SSB031500	500	without Cap	Y	24/48
SSB041500	500	without Cap	N	24/48

Freezing Vials



Freezing Vials are your best choice for based on the high quality and special features.

*Manufactured from durable PP and PE
*Aavailable with 4 volumes: 0.5ml, 1.5ml, 2.0ml and 5.0ml
*Interlocking cap design ensure exact fit and will not absorb water or other contamination
*Part of the tube has mold engraved scale experimental process of recording easy
*Closures containing silicone gasket can avoid liquid leakage
*Screw cap for one-handed operation
*Temperature range: -196 ℃ -121 ℃
*Easy-to-read graduations are accurate to ±2%
*Sterilized by irradiation

Warning:
Do not use freezing vials for storage in the liquid phase of liquid nitrogen. Only store vials in the vapor phase above the liquified gas.
Always use appropriate safety equipment when removing vials from cryogenic storage.

0.5ml Flat Cap

Cat.No.	Volume(ml)	Bottom	Cap Color	Sterile	Qty.per bag/case
FCT511005	0.5	Self-standing	Natural	N	50/5000
FCT511105	0.5	Self-standing	Red	N	50/5000
FCT511205	0.5	Self-standing	Orange	N	50/5000
FCT511305	0.5	Self-standing	Blue	N	50/5000
FCT511405	0.5	Self-standing	Yellow	N	50/5000
FCT511505	0.5	Self-standing	Green	N	50/5000
FCT511605	0.5	Self-standing	Pink	N	50/5000
FCT511705	0.5	Self-standing	Brown	N	50/5000
FCT511805	0.5	Self-standing	White	N	50/5000
FCT511905	0.5	Self-standing	Black	N	50/5000
FCT512005	0.5	Self-standing	Natural	Y	50/5000
FCT512105	0.5	Self-standing	Red	Y	50/5000
FCT512205	0.5	Self-standing	Orange	Y	50/5000
FCT512305	0.5	Self-standing	Blue	Y	50/5000
FCT512405	0.5	Self-standing	Yellow	Y	50/5000
FCT512505	0.5	Self-standing	Green	Y	50/5000
FCT512605	0.5	Self-standing	Pink	Y	50/5000
FCT512705	0.5	Self-standing	Brown	Y	50/5000
FCT512805	0.5	Self-standing	White	Y	50/5000
FCT312905	0.5	Self-standing	Black	Y	50/5000
FCT611005	0.5	Conical	Natural	N	50/5000
FCT611105	0.5	Conical	Red	N	50/5000
FCT611205	0.5	Conical	Orange	N	50/5000
FCT611305	0.5	Conical	Blue	N	50/5000
FCT611405	0.5	Conical	Yellow	N	50/5000
FCT611505	0.5	Conical	Green	N	50/5000
FCT611605	0.5	Conical	Pink	N	50/5000
FCT611705	0.5	Conical	Brown	N	50/5000
FCT611805	0.5	Conical	White	N	50/5000
FCT611905	0.5	Conical	Black	N	50/5000
FCT612005	0.5	Conical	Natural	Y	50/5000
FCT612105	0.5	Conical	Red	Y	50/5000
FCT612205	0.5	Conical	Orange	Y	50/5000
FCT612305	0.5	Conical	Blue	Y	50/5000
FCT612405	0.5	Conical	Yellow	Y	50/5000
FCT612505	0.5	Conical	Green	Y	50/5000
FCT612605	0.5	Conical	Pink	Y	50/5000
FCT612705	0.5	Conical	Brown	Y	50/5000
FCT612805	0.5	Conical	White	Y	50/5000
FCT612905	0.5	Conical	Black	Y	50/5000





1.5ml Flat Cap

Cat.No.	Volume(ml)	Bottom	Cap Color	Sterile	Qty.per bag/case
FCT511015	1.5	Self-standing	Natural	N	50/5000
FCT511115	1.5	Self-standing	Red	N	50/5000
FCT511215	1.5	Self-standing	Orange	N	50/5000
FCT511315	1.5	Self-standing	Blue	N	50/5000
FCT511415	1.5	Self-standing	Yellow	N	50/5000
FCT511515	1.5	Self-standing	Green	N	50/5000
FCT511615	1.5	Self-standing	Pink	N	50/5000
FCT511715	1.5	Self-standing	Brown	N	50/5000
FCT511815	1.5	Self-standing	White	N	50/5000
FCT511915	1.5	Self-standing	Black	N	50/5000
FCT512015	1.5	Self-standing	Natural	Y	50/5000
FCT512115	1.5	Self-standing	Red	Y	50/5000
FCT512215	1.5	Self-standing	Orange	Y	50/5000
FCT512315	1.5	Self-standing	Blue	Y	50/5000
FCT512415	1.5	Self-standing	Yellow	Y	50/5000
FCT512515	1.5	Self-standing	Green	Y	50/5000
FCT512615	1.5	Self-standing	Pink	Y	50/5000
FCT512715	1.5	Self-standing	Brown	Y	50/5000
FCT512815	1.5	Self-standing	White	Y	50/5000
FCT512915	1.5	Self-standing	Black	Y	50/5000
FCT611015	1.5	Conical	Natural	N	50/5000
FCT611115	1.5	Conical	Red	N	50/5000
FCT611215	1.5	Conical	Orange	N	50/5000
FCT611315	1.5	Conical	Blue	N	50/5000
FCT611415	1.5	Conical	Yellow	N	50/5000
FCT611515	1.5	Conical	Green	N	50/5000
FCT611615	1.5	Conical	Pink	N	50/5000
FCT611715	1.5	Conical	Brown	N	50/5000
FCT611815	1.5	Conical	White	N	50/5000
FCT611915	1.5	Conical	Black	N	50/5000
FCT612015	1.5	Conical	Natural	Y	50/5000
FCT612115	1.5	Conical	Red	Y	50/5000
FCT612215	1.5	Conical	Orange	Y	50/5000
FCT612315	1.5	Conical	Blue	Y	50/5000
FCT612415	1.5	Conical	Yellow	Y	50/5000
FCT612515	1.5	Conical	Green	Y	50/5000
FCT612615	1.5	Conical	Pink	Y	50/5000
FCT612715	1.5	Conical	Brown	Y	50/5000
FCT612815	1.5	Conical	White	Y	50/5000
FCT612915	1.5	Conical	Black	Y	50/5000

2.0ml Flat Cap

Cat.No.	Volume(ml)	Bottom	Cap Color	Sterile	Qty.per bag/case
FCT511020	2.0	Self-standing	Natural	N	20/5000
FCT511120	2.0	Self-standing	Red	N	20/5000
FCT511220	2.0	Self-standing	Orange	N	20/5000
FCT511320	2.0	Self-standing	Blue	N	20/5000
FCT511420	2.0	Self-standing	Yellow	N	20/5000
FCT511520	2.0	Self-standing	Green	N	20/5000
FCT511620	2.0	Self-standing	Pink	N	20/5000
FCT511720	2.0	Self-standing	Brown	N	20/5000
FCT511820	2.0	Self-standing	White	N	20/5000
FCT511920	2.0	Self-standing	Black	N	20/5000
FCT512020	2.0	Self-standing	Natural	Y	20/5000
FCT512120	2.0	Self-standing	Red	Y	20/5000
FCT512220	2.0	Self-standing	Orange	Y	20/5000
FCT512320	2.0	Self-standing	Blue	Y	20/5000
FCT512420	2.0	Self-standing	Yellow	Y	20/5000
FCT512520	2.0	Self-standing	Green	Y	20/5000
FCT512620	2.0	Self-standing	Pink	Y	20/5000
FCT512720	2.0	Self-standing	Brown	Y	20/5000
FCT512820	2.0	Self-standing	White	Y	20/5000
FCT512920	2.0	Self-standing	Black	Y	20/5000
FCT611020	2.0	Conical	Natural	N	20/5000
FCT611120	2.0	Conical	Red	N	20/5000
FCT611220	2.0	Conical	Orange	N	20/5000
FCT611320	2.0	Conical	Blue	N	20/5000
FCT611420	2.0	Conical	Yellow	N	20/5000
FCT611520	2.0	Conical	Green	N	20/5000
FCT611620	2.0	Conical	Pink	N	20/5000
FCT611720	2.0	Conical	Brown	N	20/5000
FCT611820	2.0	Conical	White	N	20/5000
FCT611920	2.0	Conical	Black	N	20/5000
FCT612020	2.0	Conical	Natural	Y	20/5000
FCT612120	2.0	Conical	Red	Y	20/5000
FCT612220	2.0	Conical	Orange	Y	20/5000
FCT612320	2.0	Conical	Blue	Y	20/5000
FCT612420	2.0	Conical	Yellow	Y	20/5000
FCT612520	2.0	Conical	Green	Y	20/5000
FCT612620	2.0	Conical	Pink	Y	20/5000
FCT612720	2.0	Conical	Brown	Y	20/5000
FCT612820	2.0	Conical	White	Y	20/5000
FCT612920	2.0	Conical	Black	Y	20/5000

Cell scrapers

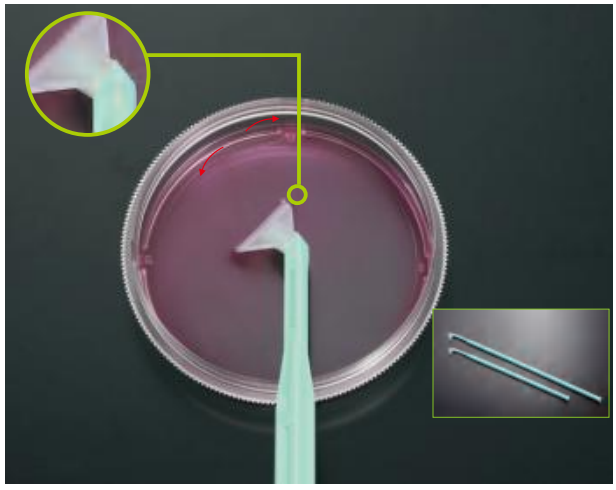




*Available with 2 different lengths of 25cm(2.0cm blade)or 39cm(3.0cm blade)
*Two positions of blade:scraper and lifter
*Material:Blades/TPE; Handle/ABS
*Special developed to make the process of scraping off and collecting cells more easier and effective.
*These particularly thin, swiveling, flexible blades are easy to use, cells from any damage.
*Slender, tepid, easy to blow to them and collect cells
*Sterilized by irradiation
*Individually wrapped
*Non-Pyrogenic

Cat. No.	Blade (cm)	Total Length (cm)	Material	Blade Position	Sterile	Qty. Per bag/case
CSC011025	2.0	25	Blades/TPE; Handle/ABS	Scraper	Y	1/100
CSC012025	2.0	25	Blades/TPE; Handle/ABS	Lifter	Y	1/100
CSC011039	3.0	39	Blades/TPE; Handle/ABS	Scraper	Y	1/100
CSC012039	3.0	39	Blades/TPE; Handle/ABS	Lifter	Y	1/100

Rotatable™ Cell Scrapers

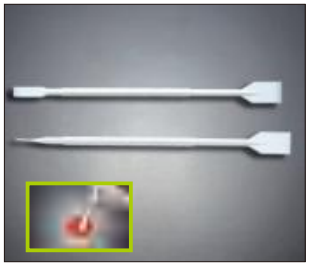


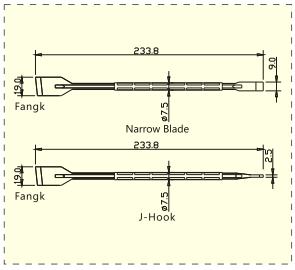
Changes of the blade angle of the cell scraper require slight pressure on the handle using the forefinger, thus pushing the handle downward towards the floor of the container.

*Available with 2 different lengths of 23cm, 30cm
*Material:blades/PE, handle/ABS
*Free rotating blade to twist to the desired direction
*Total access to all corner
*Small raised knobs on the handle
*Individually wrapped
*Sterilized by irradiation
*DNase/RNase-free & Non-pyrogenic

Cat. No.	Blade (cm)	Total Length (cm)	Material	Sterile	Qty. Per bag/case
CSC211023	1.25	23	Blades/PE; Handle/ABS	Y	1/150
CSC211030	1.95	30	Blades/PE; Handle/ABS	Y	1/150
CSC212023	1.95	23	Blades/PE; Handle/ABS	Y	1/150
CSC212030	1.25	30	Blades/PE; Handle/ABS	Y	1/150

Flat Blade Cell Lifter







Changes of the blade angle of the cell scraper require slight pressure on the handle using the forefinger, thus pushing the handle downward towards the floor of the container.

*Available with 2 different lengths of 23cm, 30cm
*Material:blades/PE, handle/ABS
*Free rotating blade to twist to the desired direction
*Total access to all corner
*Small raised knobs on the handle
*Individually wrapped
*Sterilized by irradiation
*DNase/RNase-free & Non-pyrogenic

Cat. No.	Total Length (cm)	Blade Length (mm)	Material	Blade Position	Sterile	Qty. Per bag/case
CSC012023	23.4	9.0	PE	J-Hook	Y	1/100
CSC011023	23.4	9.0	PE	Narrow Blade	Y	1/100

Exchangeable Cell Blade and Lifter

Cat. No.	Description	Sterile	Qty. Per bag/case
CSC013001	9.0mm J-Hook, Green Color	Y	1/100
CSC013002	2.5mm Narrow Blade, Green Color	Y	1/100

Reagent Reservoirs



Liquid Transfer Troughs are designed for liquid transfer, also the first assistant container choice for repetitive pipettors.

*Engraved graduation ensure accuracy
*Available with 3 size : 25, 50 , 100ml
*Quiet handing and light weight
*Corrosion-proof
*Tapped for nesting when stored
*Available in sterilized or non-sterilized
*Stability is strong, easy to operate, with scale

Cat.No.	Volume(ml)	Colour	Sterile	Qty.per bag/case
LTT012025	25	white	Y	1/50
LTT052025	25	white	Y	5/100
LTT002025	25	white	N	100
LTT012050	50	white	Y	1/50
LTT052050	50	white	Y	5/100
LTT002050	50	white	N	100
LTT000050	50	white	N	20/400
LTT001050	50	white	Y	20/400
LTT010050	50	white	N	1/80
LTT011050	50	white	Y	1/80
LTT012100	100	white	Y	1/50
LTT052100	100	white	Y	5/100
LTT002100	100	white	N	100

Pestles for Cell Strainer





* Made from high grade resistance polypropylene
* Convex pestle head includes molded textured surface to better manipulate material in the cell strainer
* A mesh bottom line, grinding better
* Handle special process design, non-slip and easy grip
* DNase/RNase-free and non-pyrogenic

Cat.No.	Description	Sterile	Qty. Per bag/case
CSP001001	Pestle for Cell Strainer, Green, Individually Packaged	Y	1/100

Cell Strainers



Cell strainers are manufactured from a strong nylon mesh with evenly spaced mesh pores and gamma resistant. These cell strainers are sterile, rapid, 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.

*Available in 3 mesh sizes:40 µm, 70 µm and 100 µm
*3 different colors:bule, white, and yellow, for easy identification.
*Improved uniformity of single cell suspensions
*Made of a strong nylon mesh with evenly spaced mesh pores
*The extended lip on the strainer enables aseptic handling with forceps
*Design to fit perfectly into a JET 50 ml conical tube
*Ready-to-use, sterilized by irradiation
*Individually packaged
*DNase-& RNase-free
*Non-pyrogeni

Cat.No.	Volume(µm)	Colour	Sterile	Qty.per bag/case
CSS013040	40	Blue	Y	50/200
CSS013070	70	white	Y	50/200
CSS013100	100	Yellow	Y	50/200

Ordering Information

*Single package in easy-to-open bag to assure contamination-free.
*Every case has printed lot No. for quality traceability.

Inoculating Loops and Needles



Inoculating loops and needles are really useful tools in inocu-lating experiment.

Cat.No.	Capacity(µl)	Material	Length(mm)	Color	Sterile	Qty. Per bag/case
DIL101001	1.0	PS	228	Blue	Y	25/2000
DIL212001	1.0	PS	228	Blue	Y	10/2000
DIL112001	1.0	PS	228	Blue	Y	1/3000
DIL211001	1.0	PS	228	Blue	Y	10/12000
DIL101010	10.0	PS	228	Yellow	Y	25/2000
DIL212010	10.0	PS	228	Yellow	Y	10/2000
DIL112010	10.0	PS	228	Yellow	Y	1/3000
DIL211010	10.0	PS	228	Yellow	Y	10/12000
DIL220001	-	PS	228	White	Y	25/2000
DIL223001	-	PS	228	White	Y	10/2000
DIL222001	-	PS	228	White	Y	1/3000
DIL221001	-	PS	228	White	Y	10/12000
DIL011001	1.0	PP	218	White	Y	20/2000
DIL010001	1.0	PP	218	White	N	20/2000
DIL011010	10.0	PP	221	Blue	Y	20/2000
DIL010010	10.0	PP	221	Blue	N	20/2000
DIL021001	-	PP	221	Yellow	Y	20/2000
DIL020001	-	PP	221	Yellow	N	20/2000

*Made from high quality polypropylene or polystyrene
*Available with 3 inoculating volumes of micro-quantity, 1µL, 10µL and needle
*Vacuum-gas plasma surface treated, allowing liquid or solid culture medium to attach
*Color-coded for easy identification
*Accurate sampling volume design ensure the uniform sample quantity
*The combination of needle and loop is used in the dual function
*Long flexible stem can be bent to come through narrow or small volume tubes and dishes

Ordering Information

*Packaged in peel-to-open packs to assure contamination-free.
*Every package case is printed with lot No. for quality traceability.
*Available in irradiation sterilized or non-sterilized

Pestles for 1.5ML Micro Centrifuge Tube



Pestles for 1.5ML micro centrifuge tube are ideal for protein and DNA resuspension as well as grind of soft tissue.

*Made of high quality plastic, high hardness, wear resistance
*Handle special process design, ease grip
*Sterilized by irradiation
*Individually wrapped
*Non-pyrogenic and DNase/RNase-free

Cat.No.	Length(mm)	Description	Sterile	Qty.per bag/case
CSP001002	78	White, Individually package	Y	1/100
CSP002002	78	White, Bulk package	Y	100/1000
CSP003002	78	White, Pestle and Microtube Combo	Y	1/100

BIOFIL®

Centrifuge Tubes Products



Centrifuge Tubes Products series includes centrifuge tubes and microcentrifuge tubes. Special selected high clarity polypropylene assures good transparency, chemical resistibility, durability, and the dual quality security system of ISO9001, ISO13485 quality management, and 100,000-grade clean-room control system ensures excellent quality. Furthermore, the universal design makes the tubes suitable for most centrifuge brands. Additionally, either irradiation sterilized, or non-sterilized products are available to satisfy the different research requirements and enhance the practicability. All the features allow them to be widely used in chemical and life science research.



Centrifuge Tubes

Centrifuge tubes are popular in samples centrifuging or storage in many research area.

* Available with 2 volumes of 15 and 50ml
* 2 different cap styles: flat cap and plug seal cap
* Conical bottom and self-standing bottom
* Easy-to-read black graduations are accurate to ±2%, 1ml increments (15ml) or 2.5ml increments (50ml)
* With a large unerasable frosting white printed writing area
* Both the graduations and writing areas are chloroform-resistant
* Engraved graduation at the conical bottom of each tube
* Max rotate speed up to 12,000xg for conical bottom tubes, while 6,000xg for self-standing tubes
* Autoclavable at 121°C and freezable to -80°C
* Leak-proof

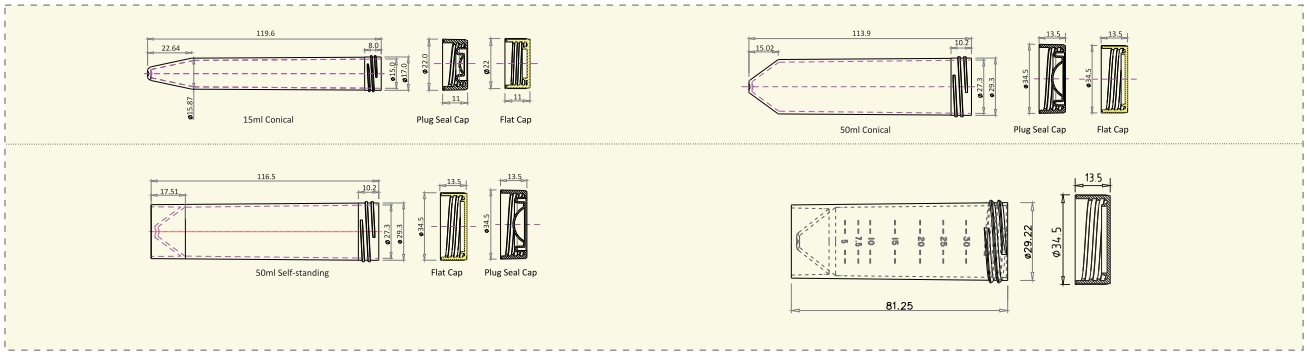
Tips: When the centrifuge tube is frozen, it is prohibited to use a foam shelf to freeze storage

Flat Cap

Cat.No.	Capacity	Bottom	Sterile	Speciality	Max Rotate Speed(xg)	Package	Qty. Per bag/case
CFT000150	15	Conical	N	DNase/RNase free, Non-pyrogenic	12000	Bulk	500
CFT010150	15	Conical	N	DNase/RNase free, Non-pyrogenic	12000	Re-sealable bag	50/500
CFT011150	15	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Re-sealable bag	25/500
CFT021150	15	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Paper rack	25/500
CFT031150	15	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Paper rack	25/300
CFT000500	50	Conical	N	DNase/RNase free, Non-pyrogenic	12000	Bulk	500
CFT010500	50	Conical	N	DNase/RNase free, Non-pyrogenic	12000	Re-sealable bag	50/500
CFT011500	50	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Re-sealable bag	25/500
CFT021500	50	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Paper rack	25/500
CFT100500	50	Self-standing	N	DNase/RNase free, Non-pyrogenic	6000	Bulk	500
CFT111500	50	Self-standing	Y	DNase/RNase free, Non-pyrogenic	6000	Re-sealable bag	25/500
CFT110500	50	Self-standing	N	DNase/RNase free, Non-pyrogenic	6000	Re-sealable bag	25/500
CFT031500	50	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Plastic rack	25/300

Plug Seal Cap

Cat. No.	Capacity	Bottom	Sterile	Speciality	Max Rotate Speed(xg)	Package	Qty. Per bag/case
CFT550150	15	Conical	N	DNase/RNase free, Non-pyrogenic	12000	Bulk	500
CFT510150	15	Conical	N	DNase/RNase free, Non-pyrogenic	12000	Re-sealable bag	50/500
CFT511150	15	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Re-sealable bag	25/500
CFT521150	15	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Paper rack	25/500
CFT621150	15	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Paper rack	25/300
CFT500500	50	Conical	N	DNase/RNase free, Non-pyrogenic	12000	Bulk	500
CFT510500	50	Conical	N	DNase/RNase free, Non-pyrogenic	12000	Re-sealable bag	50/500
CFT511500	50	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Re-sealable bag	25/500
CFT521500	50	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Paper rack	25/500
CFT621500	50	Conical	Y	DNase/RNase free, Non-pyrogenic	12000	Plastic rack	500
CFT660500	50	Self-standing	N	DNase/RNase free, Non-pyrogenic	6000	Bulk	25/300
CFT610500	50	Self-standing	N	DNase/RNase free, Non-pyrogenic	6000	Re-sealable bag	25/500
CFT611500	50	Self-standing	Y	DNase/RNase free, Non-pyrogenic	6000	Re-sealable bag	25/500



30ml Centrifuge tubes



Centrifuge tubes are popular in samples centrifuging or storage in many research area.

* Engraved graduation ensure accuracy
* Max RCF up to 7,500xg
* Autoclavable at 121°C and freezable to -80°C
* Sterilized by irradiation
* Certified DNase/RNase-free and Non-pyrogenic
* Leak-proof

Cat.No.	Capacity(ml)	Bottom	Sterile	Package	Qty.per bag/case
CFT001030	30	Self-standing	Y	Re-sealablebag	50/500
CFT011030	30	Self-standing	N	Re-sealablebag	50/500
CFT000030	30	Self-standing	N	Re-sealablebag	caps:500/bag Tubes:500/bag

High Performance Centrifuge Tube







Centrifuge tubes are popular in samples centrifuging or storage in many research area.

*Longer length screw caps with sealing ring prevent any leakage
*With a large unerasable frosting white printed writing area
*Both the graduations and writing areas are chloroform-resistant
*Engraved graduation at the conical bottom of each tube
*Max rotate speed up to 21,000xg
*Autoclavable at 121°C and freezable to -80°C
*Leak-proof



Cat.No.	Capacity(ml)	Bottom	Sterile	Max Rotate Speed(xg)	Package	Qty.per bag/case
CFT920150	15	Conical	Y	21000	Paper rack	50/500
CFT921150	15	Conical	Y	21000	Re-sealable bag	25/500
CFT922150	15	Conical	Y	21000	Re-sealable bag	50/500
CFT923150	15	Conical	N	21000	Paper rack	50/500
CFT924150	15	Conical	N	21000	Re-sealable bag	25/500
CFT925150	15	Conical	N	21000	Re-sealable bag	50/500
CFT920500	50	Conical	Y	21000	Paper rack	25/500
CFT921500	50	Conical	Y	21000	Re-sealable bag	25/500
CFT922500	50	Conical	Y	21000	Re-sealable bag	50/500
CFT923500	50	Conical	N	21000	Paper rack	25/500
CFT924500	50	Conical	N	21000	Re-sealable bag	25/500
CFT925500	50	Conical	N	21000	Re-sealable bag	50/500
CFT926500	50	Self-standing	Y	10000	Re-sealable bag	50/500
CFT927500	50	Self-standing	N	10000	Re-sealable bag	50/500

High RCF Centrifuge Tubes



Centrifuge tubes are popular in samples centrifuging or storage in many research area

Materials Tube:
PP (Polypropylene)
Color: Clear
Cap: HDPE (High Density Polyethylene) Color: Green
High RCF Centrifuge Tubes, Conical bottom, Flat cap, Sterile

* Tubes are made from high grade polypropylene
* Easy-to-read black graduations in ±2% increments
* Contains a large, white frosted writing area
* Maximum rotate speed up to 21,000g
* Autoclavable at 121°C and freezable to -80°C
* DNase/RNase free and non-pyrogenic

Cat.No.	Capacity(ml)	Bottom	Max Rotate Speed(xg)	Sterile	Package	Qty.per bag/case
CFT312150	15	Conical	21000	Y	Re-sealablebag	25/500
CFT322150	15	Conical	21000	Y	Paper rack	25/500
CFT312500	50	Conical	21000	Y	Re-sealablebag	25/500
CFT322500	50	Conical	21000	Y	Paper rack	25/500

Amber Centrifuge Tubes



Centrifuge tubes are popular in samples centrifuging or storage in many research area.

*Tubes are made from high grade gamma resistance polypropylene
*Easy-to-read black graduations in ±2% increments
*Contains a large, white frosted writing area
*Tubes can be centrifuged to 12,500g RCF
*Autoclavable at 121°C and freezable to -80°C
*Block 100% UV Lighting
*DNase/RNase free and non-pyrogenic

Cat.No.	Capacity (ml)	Speciality	Bottom	Package	Max Rotate Speed(xg)	Sterile	Qty.per bag/case
CFT710150	15	White Plug Seal Cap Dnase/ RNase-free	Conical	Re-sealable bag	12500	N	50/500
CFT711150	15		Conical	Re-sealable bag	12500	Y	25/500
CFT712150	15		Conical	Paper Rack	12500	Y	25/500
CFT710500	50		Conical	Re-sealable bag	12500	N	50/500
CFT711500	50		Conical	Re-sealable bag	12500	Y	25/500
CFT712500	50		Conical	Paper rack	12500	Y	50/500

Metal-Free Centrifuge Tubes



* Meet the requirements of BSE/TSE
* Latex Statement: This product is latex free
* Non-pyrogenic: The acceptance level for product is 0.05 EU/ml. (Tachypleus Amebocyte Lysate (TAL) Clot-gel test)
* Centrifuge Tubes are certified to meet ROHS requirement

Cat.No.	Capacity(ml)	Bottom	Sterile	Max Rotate Speed(xg)	Package	Qty. Per bag/case
CFT450150	15	Conical	Y	12500	Re-sealable bag	25/500
CFT451150	15	Conical	Y	12500	Paper Rack	50/500
CFT452150	15	Conical	Y	12500	Bulk	500
CFT450500	50	Conical	Y	12500	Re-sealable bag	25/500
CFT451500	50	Conical	Y	12500	Paper Rack	25/500
CFT452500	50	Conical	Y	12500	Bulk	500

EasyFlip™ Centrifuge Tubes



*Made from high grade gamma resistance polypropylene
*One hand easy flip to open the cap
*Max.RCF: 9,400xg
*Black printed graduations and white writing area can withstand chloroform
*Autoclavable at 121°C and freezable to -80°C
*Packaged in zip sealed bags or environmental friendly, recyclable paper racks
*Leak proof
*Irradiation sterilized
*Non-pyrogenic & DNase/RNase-free
*When the centrifuge tube is frozen, it is prohibited to use a foam shelf to freeze storage

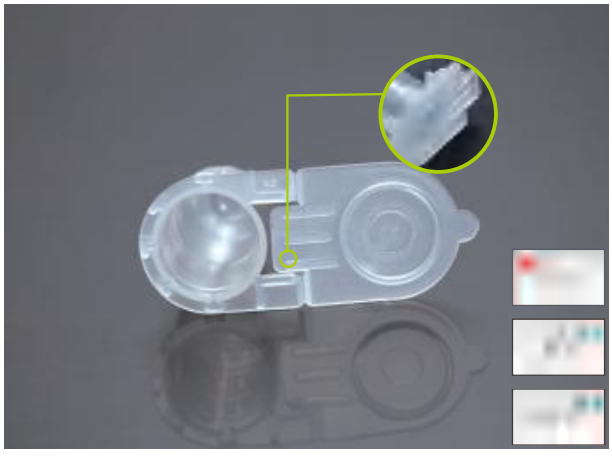






Cat.No.	Volume(ml)	Description	Package	Qty.per bag/case
CFT211150	15	Conical, Flip top cap, Sterilized	Re-sealable bag	25/500
CFT221150	15		Paper rack	25/500
CFT211500	50		Re-sealable bag	25/500
CFT221500	50		Paper rack	25/500

EasyFlip™1.5ml Micro Centrifuge Tubes



*Made from high clarity and high grade gamma resistance polypropylene
*One hand easy flip to open the cap
*Engraved graduation ensure accuracy
*Frosted body surface provide easy and legible mark
*DNase/RNase free and non-pyrogenic
*Suitable for all standard racks and rotors
*Boil proof
*Maximum rotate speed up to 25,000xg
*Autoclavable at 121°C and freezable to -80°C

Ordering Information
*Packaged in durable and re-sealed(zip closure)bags
*Available in sterilized or non-sterilized
*Every bag has printed lot NO. for quality traceability

Cat.No.	Capacity(ml)	Sterile	Qty.per bag/case
CFT014015	1.5	Y	500/4000
CFT102015	1.5	N	500/4000
CFT103015	1.5	Y	500/4000

Conical Centrifuge Bottles



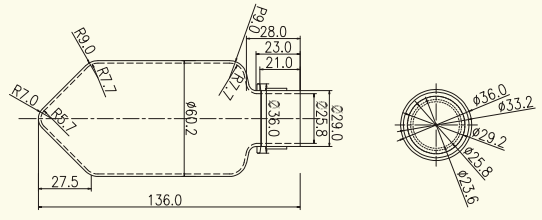
Conical centrifuge bottles are popular in samples centrifuging or storage in many research area.

* Made from high grade polypropylene
* Plug seal cap made with polyethylene
* Meet the requirements of BSE/TSE
* Latex Statement: this product is latex free
* Engraved graduation
* Max RCF up to 7,500xg
* Leak-proof
* Autoclavable at 121°C and freezable to -80°C
* The recommended working volume is 80% of the bottle capacity
* DNase/RNase free and non-pyrogenic

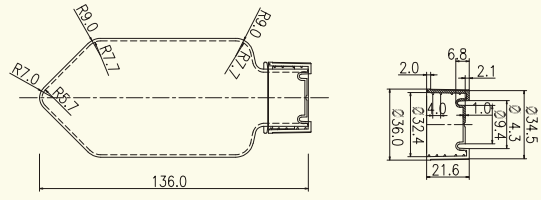
Ordering Information

*Tubes are packaged in durable and re-sealed (zip closure) bags.
*Inner packaging is individually labelled for lot-to-lot traceability.
*All tubes are packaged with caps attached

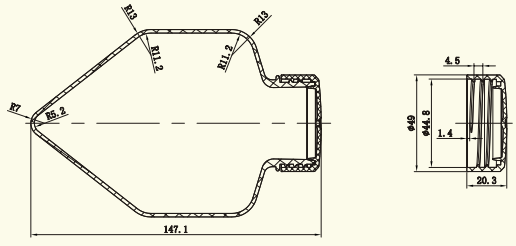
	Cat.No.	Capacity(ml)	Maximum RCF	Size	Bottom	Sterile	Speciality	Qty. Per bag/case
	CFT012225	225	7,500g	61mm*137mm	conical	Y	RNase&DNase-free and Non-pyrogenic	6/48
	CFT012250	250	7,500g	61mm*161mm	conical	Y		6/48
	CFT013500	500	6,000g	95mm*155mm	conical	Y		6/36



225ml



250ml



500ml

Micro Centrifuge Tubes





*Available with 4 volumes of 0.5ml, 1.5ml, 2.0ml and 5.0ml
*Engraved graduation ensure accuracy
*Flat and frost caps surface together with smooth and frosted body surface
*DNase/RNase-free and non-pyrogenic
*Maximum rotate speed up to 25,000xg(Exclusive of CFT008020/CFT108015/CFT108020)
*Autoclavable at 121°C and freezable to -80°C

Scew™ Cap Micro Centrifuge Tubes

Cat.No.	Capacity(ml)	Color	Bottom	Sterile	Cape	Qty.per bag/case
CFT002005	0.5	Natural	Conical	N	N	500/5000
CFT003005	0.5	Natural	Conical	Y	Y	500/5000
CFT004005	0.5	Natural	Self-standing	N	N	500/5000
CFT005005	0.5	Natural	Self-standing	Y	Y	500/5000
CFT005015	1.5	Natural	Conical	N	N	500/5000
CFT006015	1.5	Natural	Conical	Y	Y	500/5000
CFT007015	1.5	Natural	Self-standing	N	N	500/5000
CFT008015	1.5	Natural	Self-standing	Y	Y	500/5000
CFT002020	2.0	Natural	Conical	N	N	500/5000
CFT003020	2.0	Natural	Conical	Y	Y	500/5000
CFT004020	2.0	Natural	Self-standing	N	N	500/5000
CFT005020	2.0	Natural	Self-standing	Y	Y	500/5000



Micro Centrifuge Tubes without Lid Lock

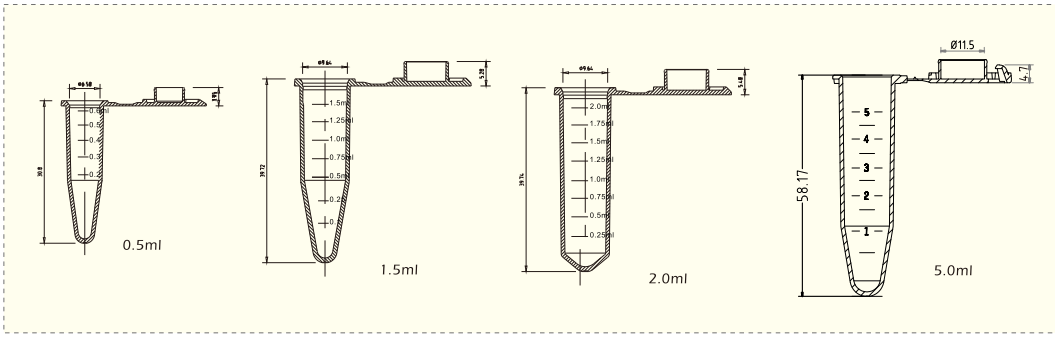
Cat.No.	Capacity(ml)	Color	Sterile	Qty.per bag/case
CFT000005	0.5	Natural	N	1000/8000
CFT000015	1.5	Natural	N	500/4000
CFT000020	2.0	Natural	N	500/4000
CFT000050	5.0	Natural	N	180/1800
CFT022050	5.0	Natural	N	200/4000
CFT023050	5.0	Blue	N	200/4000
CFT024050	5.0	Yellow	N	200/4000
CFT025050	5.0	Green	N	200/4000
CFT026050	5.0	Rose red	N	200/4000
CFT120050	5.0	Black	N	200/4000
CFT110050	5.0	Yellow	N	250/2500
CFT112050	5.0	Black	N	250/2500
CFT001005	0.5	Natural	Y	1000/8000
CFT001015	1.5	Natural	Y	500/4000
CFT001020	2.0	Natural	Y	500/4000
CFT001050	5.0	Natural	Y	180/1800
CFT002050	5.0	Natural	Y	200/4000
CFT003050	5.0	Blue	Y	200/4000
CFT004050	5.0	Yellow	Y	200/4000
CFT005050	5.0	Green	Y	200/4000
CFT006050	5.0	Rose red	Y	200/4000
CFT021050	5.0	Black	Y	200/4000
CFT011050	5.0	Yellow	Y	250/2500

Micro Centrifuge Tubes with Lid Lock

Cat.No.	Capacity(ml)	Color	Sterile	Qty.per bag/case
CFT010005	0.5	Natural	N	1000/8000
CFT010015	1.5	Natural	N	500/4000
CFT020015	1.5	Brown	N	500/4000
CFT010020	2.0	Natural	N	500/4000
CFT122050	5.0	Natural	N	200/4000
CFT123050	5.0	Blue	N	200/4000
CFT124050	5.0	Yellow	N	200/4000
CFT125050	5.0	Green	N	200/4000
CFT126050	5.0	Rose red	N	200/4000
CFT120050	5.0	Black	N	200/4000
CFT110050	5.0	Yellow	N	250/2500
CFT112050	5.0	Black	N	250/2500
CFT011005	0.5	Natural	Y	1000/8000
CFT011015	1.5	Natural	Y	500/4000
CFT021015	1.5	Brown	Y	500/4000
CFT011020	2.0	Natural	Y	500/4000
CFT222050	5.0	Natural	Y	200/4000
CFT223050	5.0	Blue	Y	200/4000
CFT224050	5.0	Yellow	Y	200/4000
CFT225050	5.0	Green	Y	200/4000
CFT226050	5.0	Rose red	Y	200/4000
CFT220050	5.0	Black	Y	200/4000
CFT210050	5.0	Yellow	Y	250/2500
CFT212050	5.0	Black	Y	250/2500

Maximum rotate speed up to 14,000xg

Cat.No.	Volume(ml)	Lid	Sterile	Package	Qty.per bag/case
CFT008020	2.0	N	N	Re-sealable bag	1000/5000
CFT108015	1.5	Y	N	Re-sealable bag	500/5000
CFT108020	2.0	Y	N	Re-sealable bag	500/5000









Plastic Centrifuge Tube Racks





PP racks are useful in corrosive environments where commonly used materials tend to crack or corrode. Perfect for supporting tubes during chemical reactions or when storing.

*Available with 4 colors:light green, dark green, white and blue
*For conical bottom tubes
*Made of polypropylene
*Marked with numbers for identification
*Angular at one end to stack up easily
*Autoclavable at 121 °C and freezable to -80 °C
*Can be washed and reused.

Cat.No.	Capacity(ml)	Sterile	Color	Bottom	Qty.per bag/case
CFR001015	15	N		Re-sealable bag	5/50
CFR011015	15	Y		Re-sealable bag	5/50
CFR002015	15	N		Re-sealable bag	5/50
CFR012015	15	Y		Re-sealable bag	5/50
CFR003015	15	N		Re-sealable bag	5/50
CFR013015	15	Y		Re-sealable bag	5/50
CFR004015	15	N		Re-sealable bag	5/50
CFR014015	15	Y		Re-sealable bag	5/50
CFR001050	50	N		Re-sealable bag	5/50
CFR011050	50	Y		Re-sealable bag	5/50
CFR002050	50	N		Re-sealable bag	5/50
CFR012050	50	Y		Re-sealable bag	5/50
CFR003050	50	N		Re-sealable bag	5/50
CFR013050	50	Y		Re-sealable bag	5/50
CFR004050	50	N		Re-sealable bag	5/50
CFR014050	50	Y		Re-sealable bag	5/50

Ordering Information

*Every rack or case is printed with lot No. for quality tracebility
*Available in irradiation sterilized or non-sterilized.
*Packaged in economical re-sealable plastic bags.

Centrifuge Tube Stand



PP racks are useful in corrosive environments where commonly used materials tend to crack or corrode. Perfect for supporting tubes during chemical reactions or when storing.

*Available with 4 colors:light green, dark green, white and blue
*For conical bottom tubes
*Made of polypropylene
*Marked with numbers for identification
*Angular at one end to stack up easily
*Autoclavable at 121 °C and freezable to -80 °C
*Can be washed and reused.

Cat.No.	product description	Sterile	Qty.per bag/case
CTS001001	7 holes, suitable for 2.0ml microcentrifuge tube 15ml, 50ml conical centrifuge tube	N	1/50
CTS002001		Y	1/50
CTS001002		N	5/50
CTS002002		Y	5/50

Ordering Information

*Products are packaged in durable and resealable(zip closure) bags.
*Every bag/case has printed lot No. for quality tracebility
*Available in sterilized or non-sterilized

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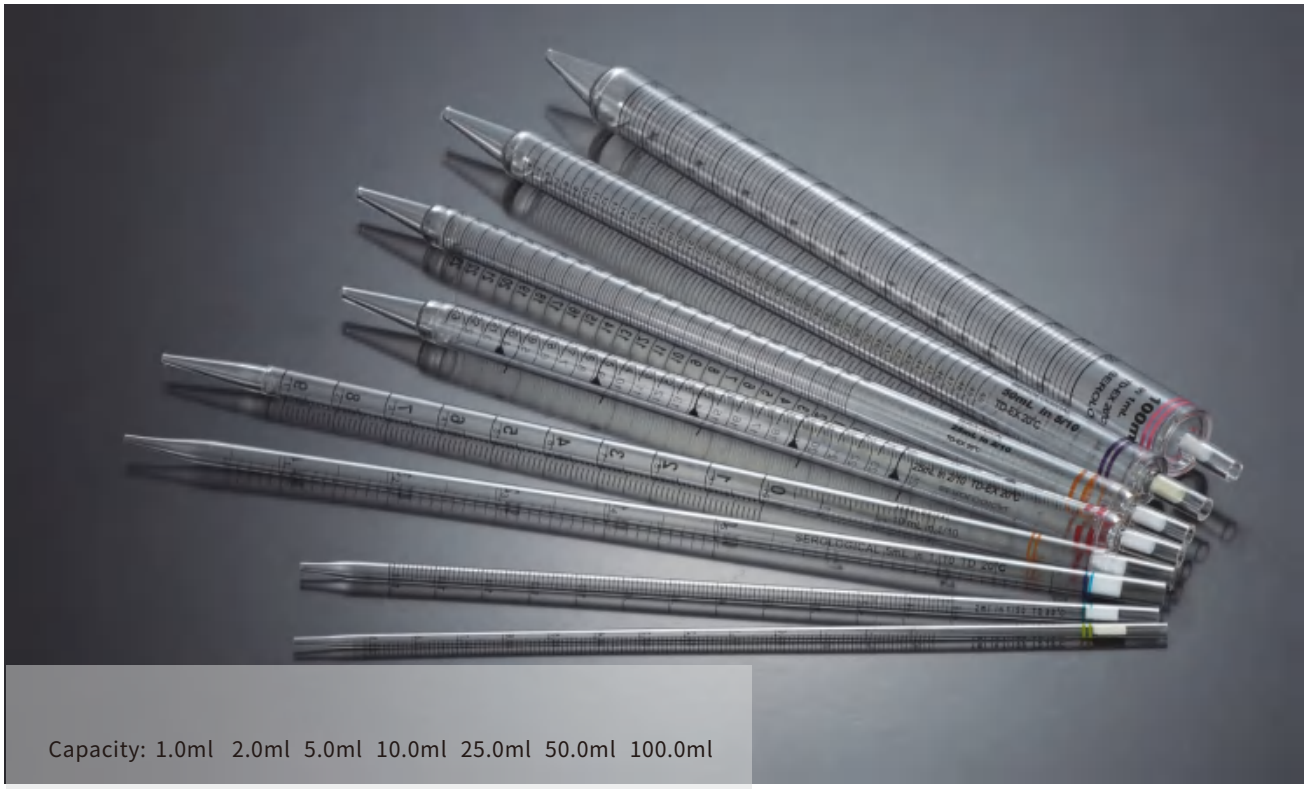
Serological Pipet Products



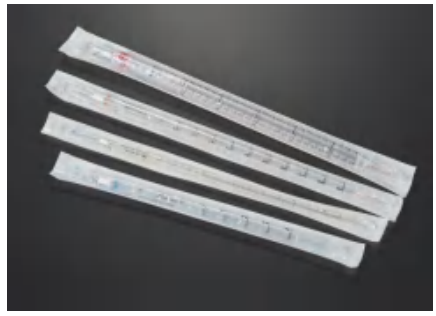
Pipet Product series, including serological pipets, aspirating pipets, transfer pipettes, and rechargeable pipet aid. All pipets are manufactured with extreme high-grade polystyrene(PS) or Polyethylene(PE), which is excellent for clear observation and reducing liquid residuals on the pipet surface for better accuracy. The manufacturing environment is supervised by ISO 9001, ISO 13485 quality management, and the 100.000-grade clean-room cleanness system.

Furthermore, the universal design makes the pipets compatible with majority brands of pipet-aid. Additionally, irradiation sterilized of non-sterilized products are available to meet different research needs and enhance practicability. Products are guaranteed to be safely used in cell and tissue culturing process bacteriological and clinical research.

Serological Pipets



*Available with 7 capacities of 1.0, 2.0, 5.0, 10.0, 25.0, 50.0ml and 100.0ml
*1.0, 2.0, 5.0, 10.0ml are stretched, while 10.0, 25.0, 50.0ml and 100.0ml are ultrasonically welded at tip and mouth-piece
*Graduations are calibrated for accurate dispensing to within ±2%
*Different color ring for easy identification
*Bidirectional graduations on the pipets provide added applicability
*Negative graduation allows additional working volume
*Strict consistency tested
*DNase/RNase free and non-pyrogenic



Serological Pipets Individually Package(paper/plastic)

Cat.No.	Volume(ml)	Graduation(ml)	Length(mm)	Color Code	Material	Sterile	Package	Qty. Per bag/case
GSP010001	1	1/100	268.5	Yellow	PS	Y	Paper/Plastic	500
GSP010002	2	1/50	272.0	Green	PS	Y	Paper/Plastic	500
GSP010102	2	1/100	272.0	Green	PS	Y	Paper/Plastic	500
GSP010005	5	1/10	341.0	Blue	PS	Y	Paper/Plastic	200
GSP010010	10	1/10	346.3	Orange	PS	Y	Paper/Plastic	200
GSP010110	10,Wide Mouth	1/10	346.3	Orange	PS	Y	Paper/Plastic	200
GSP211010	10,Stretch	1/10	303.4	Orange	PS	Y	Paper/Plastic	200
GSP010025	25	2/10	308.5	Red	PS	Y	Paper/Plastic	150
GSP010125	25,Long	2/10	338.9	Red	PS	Y	Paper/Plastic	150
GSP010050	50	5/10	346.6	Purple	PS	Y	Paper/Plastic	100
GSP010100	100	1	346.8	Pink	PS	Y	Paper/Plastic	50

Bulk Vacuum Package

Cat. No.	Volume(ml)	Graduation(ml)	Length(mm)	Color Code	Material	Sterile	Qty. Per bag/case
GSP012001	1	1/100	268.5	Yellow	PS	Y	25/1000
GSP012002	2	1/50	272.0	Green	PS	Y	25/1000
GSP012102	2	1/100	272.0	Green	PS	Y	25/1000
GSP012005	5	1/10	341.0	Blue	PS	Y	25/500
GSP012010	10	1/10	346.3	Orange	PS	Y	25/400
GSP012110	10,Wide Mouth	1/10	346.3	Orange	PS	Y	25/400
GSP112010	10,Stretch	1/10	303.4	Orange	PS	Y	25/400
GSP012025	25	2/10	308.5	Red	PS	Y	10/150
GSP012125	25,Long	2/10	338.9	Red	PS	Y	10/150
GSP012050	50	5/10	346.6	Purple	PS	Y	10/100
GSP012100	100	1	346.8	Pink	PS	Y	10/60

Serological Pipets Individually Vacuum Package in bag(paper/plastic)

Cat. No.	Volume(ml)	Graduation(ml)	Length(mm)	Color Code	Material	Sterile	Package	Qty. Per bag/case
GSP110001	1	1/100	268.5	Yellow	PS	Y	Paper/Plastic	100/600
GSP110002	2	1/50	272.0	Green	PS	Y	Paper/Plastic	100/500
GSP110002	2	1/100	272.0	Green	PS	Y	Paper/Plastic	100/500
GSP110005	5	1/10	341.0	Blue	PS	Y	Paper/Plastic	100/200
GSP110010	10	1/10	346.3	Orange	PS	Y	Paper/Plastic	50/200
GSP110110	10,Wide Mouth	1/10	346.3	Orange	PS	Y	Paper/Plastic	50/200
GSP210010	10,Stretch	1/10	303.4	Orange	PS	Y	Paper/Plastic	25/400
GSP110025	25	2/10	308.5	Red	PS	Y	Paper/Plastic	50/150
GSP110125	25,Long	2/10	338.9	Red	PS	Y	Paper/Plastic	50/150
GSP110050	50	5/10	346.6	Purple	PS	Y	Paper/Plastic	30/90
GSP110100	100	1	346.8	Pink	PS	Y	Paper/Plastic	10/50

Serological Pipets Individually Package(plastic/plastic)

Cat. No.	Volume(ml)	Graduation(ml)	Length(mm)	Color Code	Material	Sterile	Package	Qty. Per bag/case
GSP020001	1	1/100	268.5	Yellow	PS	Y	Plastic/Plastic	500
GSP020002	2	1/50	272.0	Green	PS	Y	Plastic/Plastic	500
GSP020102	2	1/100	272.0	Green	PS	Y	Plastic/Plastic	500
GSP020005	5	1/10	341.0	Blue	PS	Y	Plastic/Plastic	200
GSP020010	10	1/10	346.3	Orange	PS	Y	Plastic/Plastic	200
GSP020110	10,Wide Mouth	1/10	346.3	Orange	PS	Y	Plastic/Plastic	200
GSP021010	10,Stretch	1/10	303.4	Orange	PS	Y	Plastic/Plastic	200
GSP020025	25	2/10	308.5	Red	PS	Y	Plastic/Plastic	150
GSP020125	25,Long	2/10	338.9	Red	PS	Y	Plastic/Plastic	150
GSP020050	50	5/10	346.6	Purple	PS	Y	Plastic/Plastic	100
GSP020100	100	1	346.8	Pink	PS	Y	Plastic/Plastic	50

Serological Pipets Individually Vacuum Package in bag (plastic/plastic)

Cat.No.	Volume(ml)	Graduation(ml)	Length(mm)	Color Code	Material	Sterile	Package	Qty. Per bag/case
GSP120001	1	1/100	268.5	Yellow	PS	Y	Plastic/Plastic	100/600
GSP120002	2	1/50	272.0	Green	PS	Y	Plastic/Plastic	100/500
GSP120102	2	1/100	272.0	Green	PS	Y	Plastic/Plastic	100/500
GSP120005	5	1/10	341.0	Blue	PS	Y	Plastic/Plastic	100/200
GSP120010	10	1/10	346.3	Orange	PS	Y	Plastic/Plastic	50/200
GSP120110	10,Wide Mouth	1/10	346.3	Orange	PS	Y	Plastic/Plastic	50/200
GSP121010	10,Stretch	1/10	303.4	Orange	PS	Y	Plastic/Plastic	50/200
GSP120025	25	2/10	308.5	Red	PS	Y	Plastic/Plastic	50/150
GSP120125	25,Long	2/10	338.9	Red	PS	Y	Plastic/Plastic	50/150
GSP120050	50	5/10	346.6	Purple	PS	Y	Plastic/Plastic	30/90
GSP120100	100	1	346.8	Pink	PS	Y	Plastic/Plastic	10/50

Open End Pipet



*Available with 3 capacities of 1.0, 2.0 and 5.0ml
*Graduations are calibrated for accurate dispensing to within ±2%
*Different color 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 consistency tested
*DNase/RNase free and non-pyrogenic

Serological Pipets Bulk Vacuum Package

Cat.No.	Volume(ml)	Graduation(ml)	Color Code	Material	Sterile	Package	Qty. Per bag/case
GSP312005	5	1/10	Blue	PS	Y	Paper/Plastic	25/500
GSP312010	10	1/10	Orange	PS	Y	Paper/Plastic	25/500

Serological Pipets Individually Package(paper/plastic)

Cat.No.	Volume(ml)	Graduation(ml)	Color Code	Material	Sterile	Package	Qty.Per case
GSP310001	1	1/100	Yellow	PS	Y	Paper/Plastic	500
GSP310002	2	1/50	Green	PS	Y	Paper/Plastic	500
GSP310005	5	1/10	Blue	PS	Y	Paper/Plastic	500
GSP310010	10	1/10	Orangee	PS	Y	Paper/Plastic	200

Serological Pipets Individually Vacuum Package in bag(paper/plastic)

Cat.No.	Volume(ml)	Graduation(ml)	Color Code	Material	Sterile	Package	Qty. Per case
GSP311005	1	1/100	Yellow	PS	Y	Paper/Plastic	50/200
GSP311010	2	1/50	Green	PS	Y	Paper/Plastic	50/200

Milk Pipet



*Available with 2 capacities of 1.1 and 2.2ml
*Graduations are calibrated for accurate dispensing to within ±2%
*Different color 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 consistency tested
*Non-pyrogenic

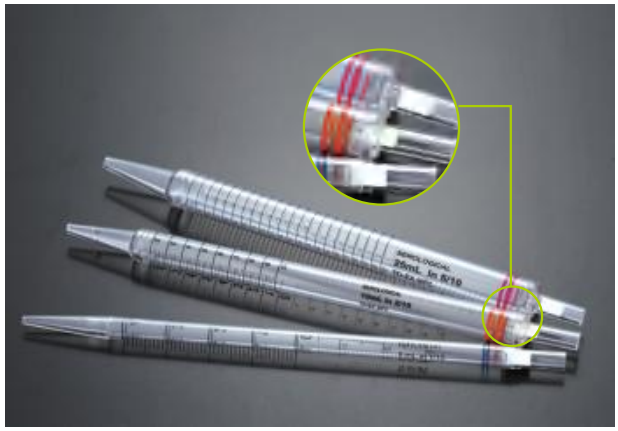
Serological Pipets Bulk Vacuum Package

Cat. No.	Volume(ml)	Graduation(ml)	Color Code	Material	Sterile	Package	Qty. Per case
GSP010011	1.1	1/100	purple	PS	Y	Paper/Plastic	25/1000
GSP020011	1.1	1/50	purple	PS	Y	Paper/Plastic	50/500
GSP010022	2.2	1/10	Black	PS	Y	Paper/Plastic	50/400

Serological Pipets Individually Package(paper/plastic)

Cat. No.	Volume(ml)	Graduation(ml)	Color Code	Material	Sterile	Package	Qty. Per case
GSP011011	1.1	1/100	purple	PS	Y	Paper/Plastic	1000
GSP021011	1.1	1/50	purple	PS	Y	Paper/Plastic	250
GSP011022	2.2	1/10	Blue	PS	Y	Paper/Plastic	250

Mini™ Serological Pipets

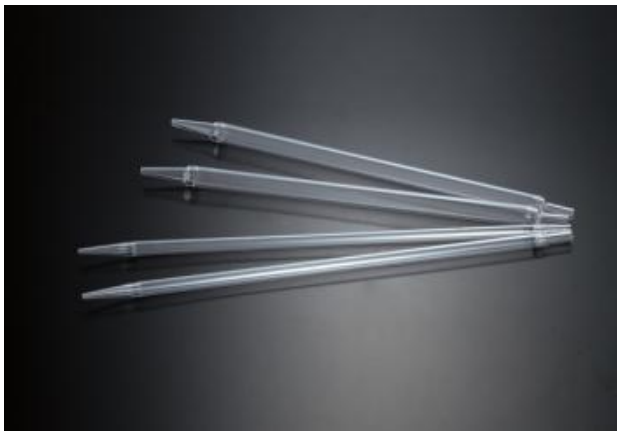


Mini pipets are specially designed for liquid handling operation in limited working space. These special designed pipets are significantly shorter than the normal pipet, only 9.25 inches.They come in three different volumes: 5ml, 10ml and 25ml.

*Available individually wrapped in an easy opening paper/plastic wrapped with lot number tracebility.
*Inner boxes have been specially designed for efficient bench top dispensing with a removable perforated front panel.
*Also available with bulk package in easy-to-open bag.

Cat. No.	Volume(ml)	Graduations	Color Ring	Length(mm)	Material	Sterile	Package	Qty. per box/case
GSP010205	5.0	1/10	Blue	234.95	PS	Y	Paper/Plastic	1/200
GSP010210	10.0	2/10	Orange	234.95	PS	Y	Paper/Plastic	1/150
GSP010225	25.0	5/10	Red	234.95	PS	Y	Paper/Plastic	1/100

Aspirating Pipets



Aspirating pipets are ideal for liquid transfer of mix.

*Available with 7 capacities of 1.0, 2.0, 5.0, 10.0, 25.0, 50 and 100ml
*1.0, 2.0, 5.0, 10.0ml are stretched, while 10.0, 25.0 , 50.0 and 100.0ml are ultrasonically welded at tip and mouthpiece
*Colorless and transparent
*Strict consistency tested
*Non-pyrogenic

Ordering Information

*Available with bulk package in easy-to-open plastic bags
*Every case has printed lot No. for quality tracebility
*Available in sterilized or non-sterilized

Bulk Vacuum Package

Cat. No.	Volume(ml)	Length(mm)	Material	Sterile	Qty. Per bag/case
GSP000001	1	268.5±2.0	PS	Y	25/1000
GSP000002	2	272.0±2.0	PS	Y	25/1000
GSP000005	5	341.0±2.0	PS	Y	25/500
GSP000010	10	346.3±2.0	PS	Y	25/400
GSP000025	25	308.5±2.0	PS	Y	10/150
GSP000125	25,Long	338.9±2.0	PS	Y	10/150
GSP000050	50	346.2±2.0	PS	Y	10/100
GSP000100	100	346.8±2.0	PS	Y	10/60

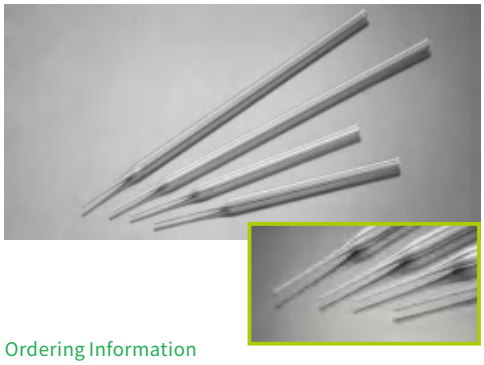
Individually Vacuum Package (paper/plastic)

Cat. No.	Volume(ml)	Length(mm)	Material	Sterile	Package	Qty. Per bag/case
GSP100001	1	268.5±2.0	PS	Y	Paper/Plastic	500
GSP100002	2	272.0±2.0	PS	Y	Paper/Plastic	500
GSP100102	2	272.0±2.0	PS	Y	Paper/Plastic	500
GSP100005	5	341.0±2.0	PS	Y	Paper/Plastic	200
GSP100010	10	346.3±2.0	PS	Y	Paper/Plastic	200
GSP101010	10	303.4±2.0	PS	Y	Paper/Plastic	200
GSP100025	25	308.5±2.0	PS	Y	Paper/Plastic	150
GSP100125	25,Long	338.9±2.0	PS	Y	Paper/Plastic	150
GSP100050	50	346.2±2.0	PS	Y	Paper/Plastic	100
GSP100100	100	346.8±2.0	PS	Y	Paper/Plastic	50

Individually Vacuum Package in bag(paper/plastic)

Cat. No.	Volume(ml)	Length(mm)	Material	Sterile	Package	Qty. Per bag/case
GSP200001	1	268.5±2.0	PS	Y	Paper/Plastic	100
GSP200002	2	272.0±2.0	PS	Y	Paper/Plastic	100
GSP200102	2	272.0±2.0	PS	Y	Paper/Plastic	100
GSP200005	5	341.0±2.0	PS	Y	Paper/Plastic	50
GSP200010	10	346.3±2.0	PS	Y	Paper/Plastic	50
GSP200025	25	308.5±2.0	PS	Y	Paper/Plastic	50
GSP200125	25,Long	338.9±2.0	PS	Y	Paper/Plastic	50
GSP200050	50	346.2±2.0	PS	Y	Paper/Plastic	30
GSP200100	100	346.8±2.0	PS	Y	Paper/Plastic	10

Plastic Pasteur Pipets



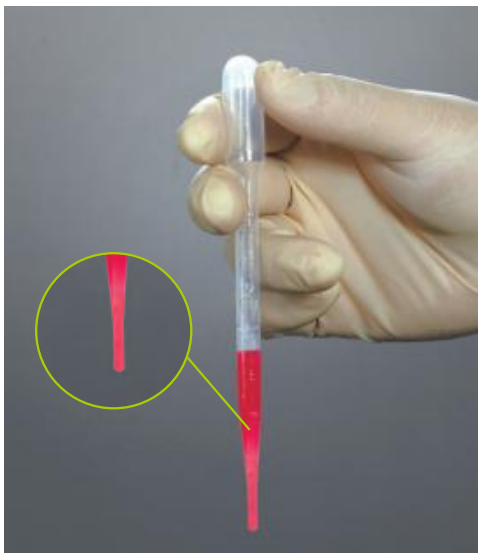
*Long flexible stem can be bent to draw liquid from narrow or small volume tubes into the bulb
*Offer the aspirating precision of a glass pipet and the safety benefits of plastic
*Available in two sizes: 145mm and 230 mm for easier handling and longer reach for working with larger vessels
*Sterilized by irradiation
*Strict consistency tested

Ordering Information

*Available with bulk package or individually wrapped in easy-to-open bag.
*Every case has printed lot No. for quality tracebility.

Cat. No.	Length(mm)	Material	Sterile	Package	Qty. per box/case
PP000145	145	PS	Y	Individually	50/200
PP010145	145	PS	Y	Bulk	25/500
PP000230	230	PS	Y	Individually	50/200
PP010230	230	PS	Y	Bulk	25/500

Transfer Pipets



Disposable transfer pipets are perfect products for quick, safe transfer of fluid.

*Available with 3 different capacities of 0.2, 1.0 and 3.0ml
*Long flexible stem can be bent to draw liquid from narrow or small volume tubes into the bulb
*Can be used in liquid Nitrogen
*Uniform drop size

Bulk package

Cat.No.	Capacity (ml)	Length(mm)	Sterile	Qty.per bag/case
PP000002	0.2	68	N	100/10000
PP000010	1.0	150	N	100/5000
PP000030	3.0	155	N	100/5000
PP001002	0.2	68	Y	100/10000
PP001010	1.0	150	Y	100/5000
PP001030	3.0	155	Y	100/5000
PP002030	3.0	180	Y	100/5000
PP003030	3.0	180	N	100/5000

Individually wrapped in box

Cat.No.	Capacity (ml)	Length(mm)	Sterile	Qty.per bag/case
PP201010	1.0	150	Y	1/2000
PP205010	1.0	150	Y	1/2000
PP201030	3.0	155	Y	1/2000
PP205030	3.0	155	Y	1/2000
PP202030	3.0	180	Y	200/2000
PP203030	3.0	180	Y	200/2000
PP200010	1.0	150	N	200/2000
PP200030	3.0	155	N	200/2000
PP303030	3.0	180	N	200/2000

Individually package

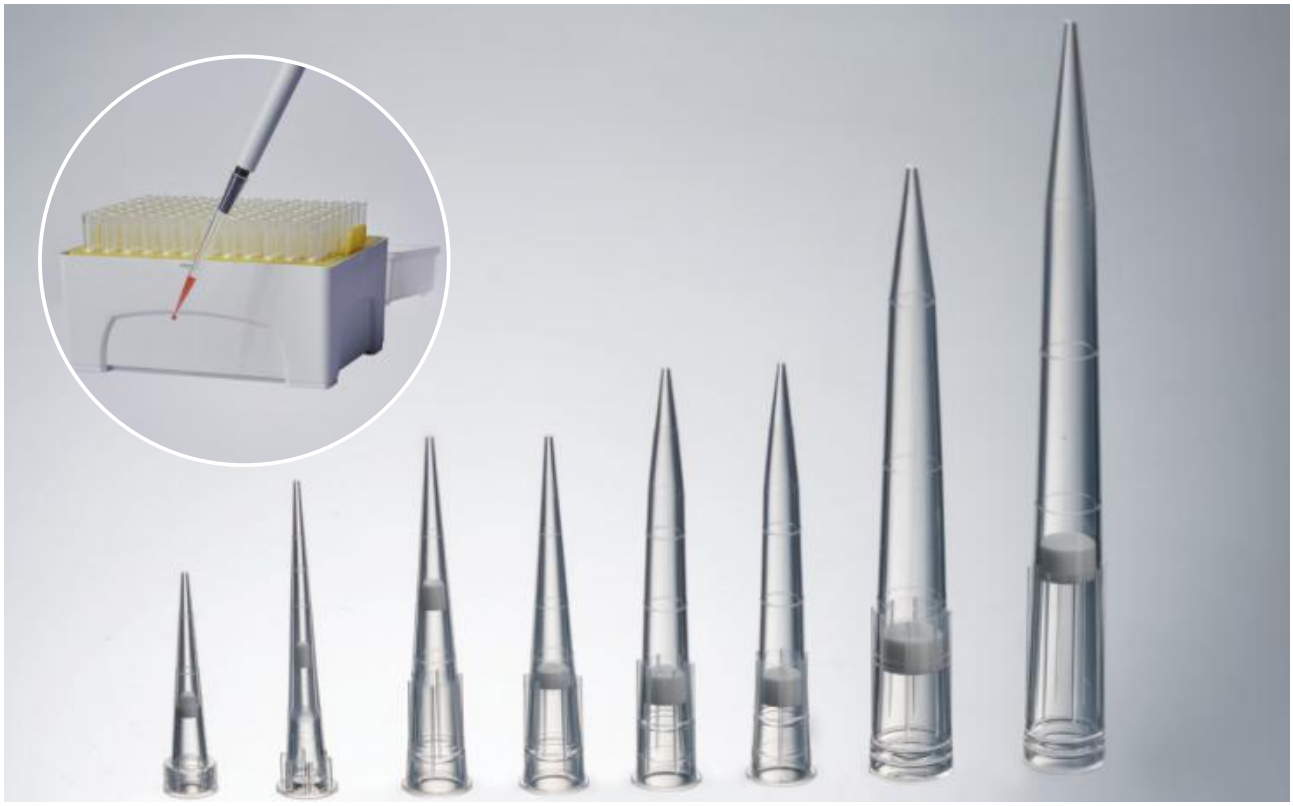
Cat.No.	Capacity (ml)	Length(mm)	Sterile	Qty.per bag/case
PP101002	0.2	68	Y	1/5000
PP101010	1.0	150	Y	1/4000
PP101030	3.0	155	Y	1/4000
PP102030	3.0	180	Y	1/4000
PP103030	3.0	180	Y	1/4000

BIOFIL®

Pipette Micro Tips



ZEROTIP® Pipette Micro Tips





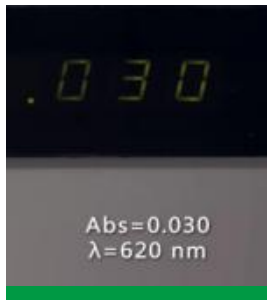


*Capacity:10µl 20µl 100µl 200µl 300µl 1000µl 1250µl
*Free of Nucleic Acids, Pyrogens/Endotoxins, PCR Inhibitors and Trace Metals
*Ideal for biological samples that contain detergents such as SDS, Tween Triton® -100 ect.
*Tips with PP filter are also available
*Preferred accessories for most brand micropipettor
*Non-Pyrogenic & DNase/RNase-free

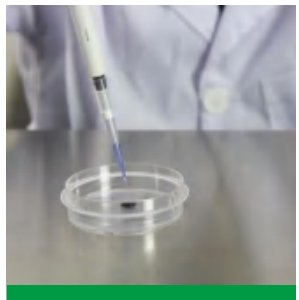
ZEROTIP® are manufactured from super clear high quality Polypropylene. The surfaces of the tips are produced through a special process. This process makes the tip inner surface become super hydrophobic, thus significantly reduces sample loss and provides substantially higher reproducibility when working with critical media.

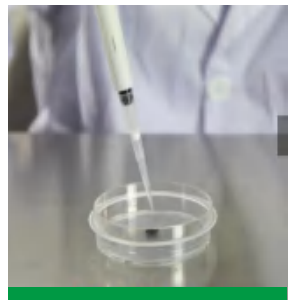


Standerd tips



ZEROTIP®Pipette Micro Tips


Standerd tips


ZEROTIP®Pipette Micro Tips

10ul Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT010010	0.1-10	Natural	N	N	Re-sealable bag	1000/10000
	PMT011010		Natural	N	Y	Re-sealable bag	1000/10000
	PMT110010		Natural	Y	N	Re-sealable bag	1000/10000
	PMT111010		Natural	Y	Y	Re-sealable bag	1000/10000
	PMT250010		Natural	N	N	Rack box	96/1920
	PMT251010		Natural	N	Y	Rack box	96/1920
	PMT550010		Natural	Y	N	Rack box	96/1920
	PMT252010		Natural	Y	Y	Rack box	96/1920
	PMT611010		Natural	N	Y	Re-sealable bag	96/1920
	PMT711010		Natural	Y	Y	Re-sealable bag	96/1920

10ul Long Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT030010	0.5-10	Natural	N	N	Re-sealable bag	1000/10000
	PMT031010		Natural	N	Y	Re-sealable bag	1000/10000
	PMT130010		Natural	Y	N	Re-sealable bag	1000/10000
	PMT131010		Natural	Y	Y	Re-sealable bag	1000/10000
	PMT230010		Natural	N	N	Rack box	96/1920
	PMT231010		Natural	N	Y	Rack box	96/1920
	PMT232010		Natural	Y	N	Rack box	96/1920
	PMT233010		Natural	Y	Y	Rack box	96/1920
	PMT631010		Natural	N	Y	Re-sealable bag	96/1920
	PMT731010		Natural	Y	Y	Re-sealable bag	96/1920

20ul Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT110020	2-20	Natural	Y	N	Re-sealable bag	1000/10000
	PMT111020		Natural	Y	Y	Re-sealable bag	1000/10000
	PMT250020		Natural	Y	N	Rack box	96/1920
	PMT252020		Natural	Y	Y	Rack box	96/1920
	PMT711020		Natural	Y	Y	Re-sealable bag	96/1920

100ul Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT110100	10-100	Natural	Y	N	Re-sealable bag	1000/10000
	PMT111100		Natural	Y	Y	Re-sealable bag	1000/10000
	PMT250100		Natural	Y	N	Rack box	96/1920
	PMT252100		Natural	Y	Y	Rack box	96/1920
	PMT711100		Natural	Y	Y	Re-sealable bag	96/1920

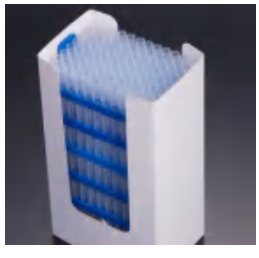
200ul Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT010200	20-200	Natural	N	N	Re-sealable bag	1000/10000
	PMT011200		Natural	N	Y	Re-sealable bag	1000/10000
	PMT012200		Natural	Y	N	Re-sealable bag	1000/10000
	PMT111200		Natural	Y	Y	Re-sealable bag	1000/10000
	PMT250200		Natural	N	N	Rack box	96/1920
	PMT251200		Natural	N	Y	Rack box	96/1920
	PMT230200		Natural	Y	N	Rack box	96/1920
	PMT231200		Natural	Y	Y	Rack box	96/1920
	PMT611200		Natural	N	Y	Re-sealable bag	96/1920
	PMT711200		Natural	Y	Y	Re-sealable bag	96/1920

300ul Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT030300	20-300	Natural	N	N	Re-sealable bag	1000/10000
	PMT031300		Natural	N	Y	Re-sealable bag	1000/10000
	PMT130300		Natural	Y	N	Re-sealable bag	1000/10000
	PMT131300		Natural	Y	Y	Re-sealable bag	1000/10000
	PMT230300		Natural	N	N	Rack box	96/1920
	PMT231300		Natural	N	Y	Rack box	96/1920
	PMT232300		Natural	Y	N	Rack box	96/1920
	PMT233300		Natural	Y	Y	Rack box	96/1920
	PMT611300		Natural	N	Y	Re-sealable bag	96/1920
	PMT711300		Natural	Y	Y	Re-sealable bag	96/1920

1000ul Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT010000	100-1000	Natural	N	N	Re-sealable bag	1000/10000
	PMT011000		Natural	N	Y	Re-sealable bag	1000/10000
	PMT110000		Natural	Y	N	Re-sealable bag	1000/10000
	PMT111000		Natural	Y	Y	Re-sealable bag	1000/10000
	PMT250000		Natural	N	N	Rack box	96/1920
	PMT251000		Natural	N	Y	Rack box	96/1920
	PMT550000		Natural	Y	N	Rack box	96/1920
	PMT252000		Natural	Y	Y	Rack box	96/1920
	PMT631000		Natural	N	Y	Re-sealable bag	96/1920
	PMT731000		Natural	Y	Y	Re-sealable bag	96/1920

1000ul Long Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT070000	100-1000	Natural	N	N	Re-sealable bag	1000/10000
	PMT071000		Natural	N	Y	Re-sealable bag	1000/10000
	PMT170000		Natural	Y	N	Re-sealable bag	1000/10000
	PMT171000		Natural	Y	Y	Re-sealable bag	1000/10000
	PMT270000		Natural	N	N	Rack box	96/1920
	PMT271000		Natural	N	Y	Rack box	96/1920
	PMT370000		Natural	Y	N	Rack box	96/1920
	PMT371000		Natural	Y	Y	Rack box	96/1920

1250ul Long Tips	Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT371250	1000-1250	Natural	Y	Y	Rack box	96/1920



Reloding Rack

	Cat. No.	Capacity(μl)	Color	Layer Qty.	Filter	Sterile	Packaging	Qty. per bag or box/case
	PMT950010	10	Natural	10	N	N	Rack box	960/9600
	PMT950200	200	Natural	10	N	N	Rack box	960/9600
	PMT951200	200	Yellow	10	N	N	Rack box	960/9600
	PMT950300	300	Natural	10	N	N	Rack box	960/9600
	PMT950000	1000	Natural	5	N	N	Rack box	480/4800
	PMT951000	1000	Bule	5	N	N	Rack box	480/4800

Pipette Micro Tips





Pipette Micro Tips are good quality comsumable products for micropipettor.

*Manufactured from specially high quality Polypropylene
*Tips with PP filter are also available
*Preferred accessories for most brand micropipettor
*Available with 5 transfer volumes of 0.1-10μL, 2-20μL,10-200μL, 10-300μL and 100-1000μL
*Color-coded for easy identification
*Fully autoclavable to 121°C (20min)
*Available in irradiation sterilized or non-sterilized.
*Non-Pyrogenic&DNase/RNase-freecropipettor
*Non-Pyrogenic & DNase/RNase-free



10ul

10ul

Cat.No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty.per bag or box/case
PPT000110	0.1-10	Natural	N	N	Re-sealable bag	1000/10000
PPT221010		Natural	N	Y	Re-sealable bag	1000/10000
PPT100010		Natural	Y	N	Re-sealable bag	1000/10000
PPT101010		Natural	Y	Y	Re-sealable bag	1000/10000
PPT050010		Natural	N	N	Rack box	96/1920
PPT051110		Natural	N	Y	Rack box	96/1920
PPT150010		Natural	Y	N	Rack box	96/1920
PPT151010		Natural	Y	Y	Rack box	96/1920



10ul ,long

10ul ,long

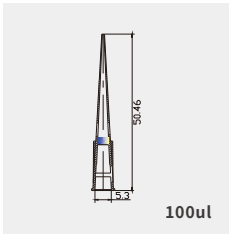
Cat.No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty.per bag or box/case
PPT300010	0.1-10	Natural	N	N	Re-sealable bag	1000/10000
PPT301010		Natural	N	Y	Re-sealable bag	1000/10000
PPT402010		Natural	Y	N	Re-sealable bag	1000/10000
PPT401010		Natural	Y	Y	Re-sealable bag	1000/10000
PPT350010		Natural	N	N	Rack box	96/1920
PPT351010		Natural	N	Y	Rack box	96/1920
PPT450010		Natural	Y	N	Rack box	96/1920
PPT451010		Natural	Y	Y	Rack box	96/1920



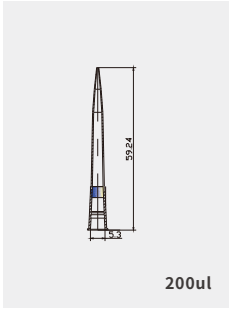
20ul

20ul

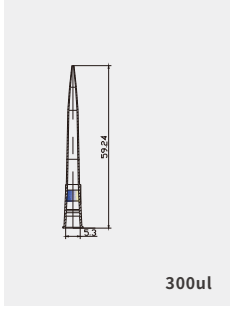
Cat.No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty.per bag or box/case
PPT100020	2-20	Natural	Y	N	Re-sealable bag	1000/10000
PPT101020		Natural	Y	Y	Re-sealable bag	1000/10000
PPT150020		Natural	Y	N	Re-sealable bag	96/1920
PPT151020		Natural	Y	Y	Re-sealable bag	96/1920



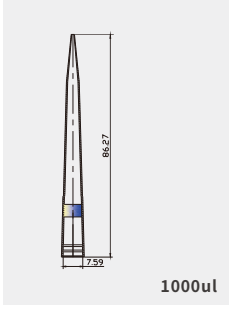
100ul



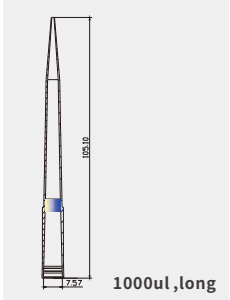
200ul



300ul



1000ul



1000ul ,long

100ul

Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
PPT100100	10-100	Natural	Y	N	Re-sealable bag	1000/10000
PPT101100		Natural	Y	Y	Re-sealable bag	1000/10000
PPT150100		Natural	Y	N	Rack box	96/1920
PPT151100		Natural	Y	Y	Rack box	96/1920

200ul

Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
PPT000200	20-300	Natural	N	N	Re-sealable bag	1000/10000
PPT000200-1		Yellow	N	N	Re-sealable bag	1000/10000
PPT001200		Natural	N	Y	Re-sealable bag	1000/10000
PPT001200-1		Yellow	N	Y	Re-sealable bag	1000/10000
PPT150200		Natural	Y	N	Re-sealable bag	1000/10000
PPT151200		Natural	Y	Y	Re-sealable bag	1000/10000
PPT050200		Natural	N	N	Rack box	96/1920
PPT051200		Natural	N	Y	Rack box	96/1920
PPT152200		Natural	Y	N	Rack box	96/1920
PPT153200		Natural	Y	Y	Rack box	96/1920

300ul

Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
PPT300300	20-300	Natural	N	N	Re-sealable bag	1000/10000
PPT301300		Natural	N	Y	Re-sealable bag	1000/10000
PPT401300		Natural	Y	Y	Re-sealable bag	1000/10000
PPT402300		Natural	Y	N	Re-sealable bag	1000/10000
PPT350300		Natural	N	N	Rack box	96/1920
PPT351300		Natural	N	Y	Rack box	96/1920
PPT450300		Natural	Y	N	Rack box	96/1920
PPT451300		Natural	Y	Y	Rack box	96/1920

1000ul

Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
PPT000000	100-1000	Natural	N	N	Re-sealable bag	1000/10000
PPT000000-1		Blue	N	N	Re-sealable bag	1000/10000
PPT001000		Natural	N	Y	Re-sealable bag	1000/10000
PPT001000-1		Blue	N	Y	Re-sealable bag	1000/10000
PPT100000		Natural	Y	N	Re-sealable bag	1000/10000
PPT101000		Natural	Y	Y	Re-sealable bag	1000/10000
PPT050000		Natural	N	N	Rack box	96/1920
PPT051000		Natural	N	Y	Rack box	96/1920
PPT150000		Natural	Y	N	Rack box	96/1920
PPT151000		Natural	Y	Y	Rack box	96/1920

1000ul ,long

Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
PPT070000	100-1000	Natural	N	N	Re-sealable bag	1000/10000
PPT070000-1		Blue	N	N	Re-sealable bag	1000/10000
PPT071000		Natural	N	Y	Re-sealable bag	1000/10000
PPT071000-1		Blue	N	Y	Re-sealable bag	1000/10000
PPT170000		Natural	Y	N	Re-sealable bag	1000/10000
PPT171000		Natural	Y	Y	Re-sealable bag	1000/10000
PPT270000		Natural	N	N	Rack box	96/1920
PPT271000		Natural	N	Y	Rack box	96/1920
PPT370000		Natural	Y	N	Rack box	96/1920
PPT371000		Natural	Y	Y	Rack box	96/1920

1250ul

Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
PPT371250	1000-1250	Natural	Y	Y	Rack box	96/1920

96 Per Bag

Cat. No.	Capacity(μl)	Color	Filter	Sterile	Packaging	Qty. per bag or box/case
PPT611010	10	Natural	N	Y	Re-sealable bag	96/1920
PPT631010	10,Long	Natural	N	Y	Re-sealable bag	96/1920
PPT601200	200	Natural	N	Y	Re-sealable bag	96/1920
PPT601200-1	200	Yellow	N	Y	Re-sealable bag	96/1920
PPT631300	300	Natural	N	Y	Re-sealable bag	96/1920
PPT601000	1000	Natural	N	Y	Re-sealable bag	96/1920
PPT601000-1	1000	Yellow	N	Y	Re-sealable bag	96/1920
PPT701010	10	Natural	Y	Y	Re-sealable bag	96/1920
PPT703010	10,Long	Natural	Y	Y	Re-sealable bag	96/1920
PPT701020	20	Natural	Y	Y	Re-sealable bag	96/1920
PPT701100	100	Natural	Y	Y	Re-sealable bag	96/1920
PPT701200	200	Natural	Y	Y	Re-sealable bag	96/1920
PPT701300	300	Natural	Y	Y	Re-sealable bag	96/1920
PPT701000	1000	Natural	Y	Y	Re-sealable bag	96/1920

Reloading Rack

Cat. No.	Capacity(μl)	Color	Layer Qty.	Filter	Sterile	Packaging	Qty. per bag or box/case
PPT900010	10	Natural	10	N	N	Reloading Rack	960/9600
PPT900200	200	Natural	10	N	N	Reloading Rack	960/9600
PPT901200	200	Yellow	10	N	N	Reloading Rack	960/9600
PPT900300	300	Natural	10	N	N	Reloading Rack	960/9600
PPT900000	1000	Natural	5	N	N	Reloading Rack	480/4800
PPT901000	1000	Bule	5	N	N	Reloading Rack	480/4800

Rack of tips

Cat. No.	Capacity(μl)	Sterile	Qty. per bag or box/case
PPT450010	10	N	20
PPT450200	20/100/200/300	N	20
PPT450000	1000	N	20
PPT450001	1000,Long	N	20



BIOFIL® | Robotic Tips

Accurate Liquid Handling
Genomics • Proteomics • Cellomics • Immunoassays • Metabolomics • General liquid handling

All JET BIOFIL products are designed by experienced engineers, and manufactured in 100,000 grade clean room environment, processes with premium materials. Before delivering to our customers, all products are accessed by a stringent QC process certified by ISO 9001, ISO13485 quality management system, to assure the highest quality. We guarantee that all products are DNase/RNase-free, and non-pyrogenic to meet the highest standard of both laboratory experiment and clinical diagnostics.

JET BIOFIL Robotic Tips are manufactured from super high quality Polypropylene. The surface of the tips are produced through a special process. This process makes the tip inner surface become hydrophobic, thus significantly reduces sample loss and provides substantially higher reproducibility when working with critical media.



Suitable for machine model:
TECAN TP96 Genesis Freedom®
Freedom Evo®
and Miniprep with LiHa, 96 Tip

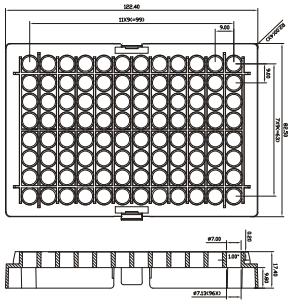
Mainly adapted to workstations:
Hamilton STAR, STARlet,
STARplus and Nimbus®
BECKMAN, FX/NX,Multimek AP96
and Biomek3000
Agilent Bravo amd VPrep

* Tip format: 96 tip
*Tip volume range: 20 µL to 250 µL
* Tip material: Clear/Conductive polypropylene
*RNase-/DNase-/human gDNA-free
* Non-pyrogenic

Available options:
* With or without aerosol-resistant filters
* Non-sterile or sterile
*Low Retention/Standard surface

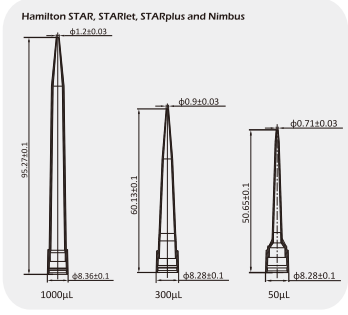






Hamilton STAR, STARlet, STARplus and Nimbus®

Cat. No.	Max Volume(µl)	Surface Type	Filter	Sterile	Color	Packaging	Qty. per box/case
ATH000050	50	Normal	N	N	Natural	Rack box	96/2304
AMH000050	50	Low Retention	N	N	Natural	Rack box	96/2304
ATH001050	50	Normal	N	Y	Natural	Rack box	96/2304
AMH001050	50	Low Retention	N	Y	Natural	Rack box	96/2304
ATH101050	50	Normal	Y	Y	Natural	Rack box	96/2304
AMH101050	50	Low Retention	Y	Y	Natural	Rack box	96/2304
ATH000300	300	Normal	N	N	Natural	Rack box	96/2304
AMH000300	300	Low Retention	N	N	Natural	Rack box	96/2304
ATH001300	300	Normal	N	Y	Natural	Rack box	96/2304
AMH001300	300	Low Retention	N	Y	Natural	Rack box	96/2304
ATH101300	300	Normal	Y	Y	Natural	Rack box	96/2304
AMH101300	300	Low Retention	Y	Y	Natural	Rack box	96/2304
ATH000000	1000	Normal	N	N	Natural	Rack box	96/1536
AMH000000	1000	Low Retention	N	N	Natural	Rack box	96/1536
ATH001000	1000	Normal	N	Y	Natural	Rack box	96/1536
AMH001000	1000	Low Retention	N	Y	Natural	Rack box	96/1536
ATH101000	1000	Normal	Y	Y	Natural	Rack box	96/1536
AMH101000	1000	Low Retention	Y	Y	Natural	Rack box	96/1536



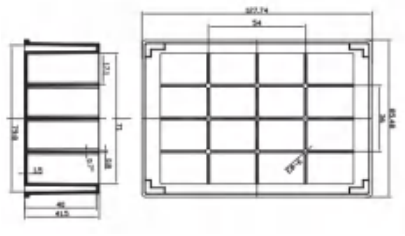
Hamilton STAR, STARlet, STARplus and Nimbus®

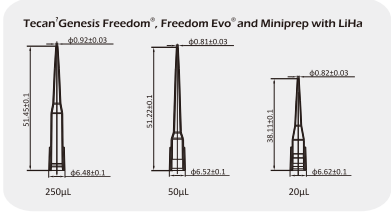
Cat. No.	Max Volume(µl)	Surface Type	Filter	Sterile	Color	Packaging	Qty. per box/case
AUH000050	50	Normal	N	N	Black	Rack box	96/2304
ANH000050	50	Low Retention	N	N	Black	Rack box	96/2304
AUH001050	50	Normal	N	Y	Black	Rack box	96/2304
ANH001050	50	Low Retention	N	Y	Black	Rack box	96/2304
AUH101050	50	Normal	Y	Y	Black	Rack box	96/2304
ANH101050	50	Low Retention	Y	Y	Black	Rack box	96/2304
AUH000300	300	Normal	N	N	Black	Rack box	96/2304
ANH000300	300	Low Retention	N	N	Black	Rack box	96/2304
AUH001300	300	Normal	N	Y	Black	Rack box	96/2304
ANH001300	300	Low Retention	N	Y	Black	Rack box	96/2304
AUH101300	300	Normal	Y	Y	Black	Rack box	96/2304
ANH101300	300	Low Retention	Y	Y	Black	Rack box	96/2304
AUH000000	1000	Normal	N	N	Black	Rack box	96/1536
ANH000000	1000	Low Retention	N	N	Black	Rack box	96/1536
AUH001000	1000	Normal	N	Y	Black	Rack box	96/1536
ANH001000	1000	Low Retention	N	Y	Black	Rack box	96/1536
AUH101000	1000	Normal	Y	Y	Black	Rack box	96/1536
ANH101000	1000	Low Retention	Y	Y	Black	Rack box	96/1536

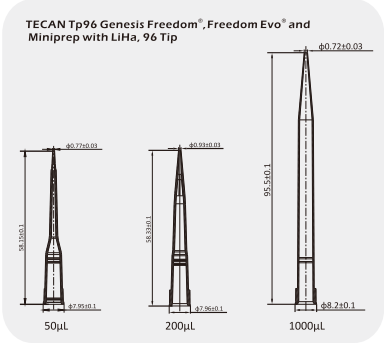




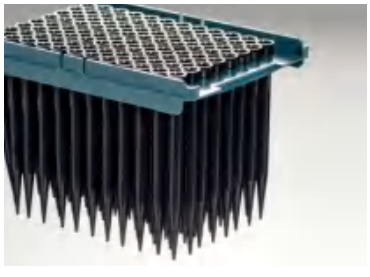












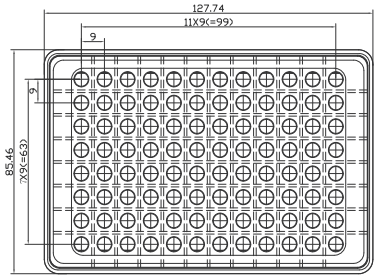
TECAN TP96 Genesis Freedom®, Freedom Evo® and Miniprep with LiHa, 96 Tip

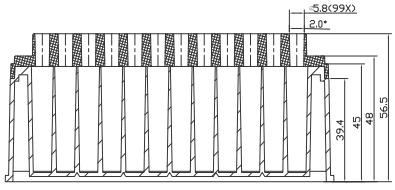
Cat.No.	Max Volume(µl)	Surface Type	Filter	Sterile	Color	Packaging	Qty.per box/case
ATT000020	20	Normal	N	N	Natural	Rack box	96/2304
AMT000020	20	Low Retention	N	N	Natural	Rack box	96/2304
ATT001020	20	Normal	N	Y	Natural	Rack box	96/2304
AMT001020	20	Low Retention	N	Y	Natural	Rack box	96/2304
ATT101020	20	Normal	Y	Y	Natural	Rack box	96/2304
AMT101020	20	Low Retention	Y	Y	Natural	Rack box	96/2304
ATT000050	50	Normal	N	N	Natural	Rack box	96/2304
AMT000050	50	Low Retention	N	N	Natural	Rack box	96/2304
ATT001050	50	Normal	N	Y	Natural	Rack box	96/2304
AMT001050	50	Low Retention	N	Y	Natural	Rack box	96/2304
ATT101050	50	Normal	Y	Y	Natural	Rack box	96/2304
AMT101050	50	Low Retention	Y	Y	Natural	Rack box	96/2304
ATT000200	200	Normal	N	N	Natural	Rack box	96/2304
AMT000200	200	Low Retention	N	N	Natural	Rack box	96/2304
ATT001200	200	Normal	N	Y	Natural	Rack box	96/2304
AMT001200	200	Low Retention	N	Y	Natural	Rack box	96/2304
ATT101200	200	Normal	Y	Y	Natural	Rack box	96/2304
AMT101200	200	Low Retention	Y	Y	Natural	Rack box	96/2304
ATT000000	1000	Normal	N	N	Natural	Rack box	96/1536
AMT000000	1000	Low Retention	N	N	Natural	Rack box	96/1536
ATT001000	1000	Normal	N	Y	Natural	Rack box	96/1536
AMT001000	1000	Low Retention	N	Y	Natural	Rack box	96/1536
ATT101000	1000	Normal	Y	Y	Natural	Rack box	96/1536
AMT101000	1000	Low Retention	Y	Y	Natural	Rack box	96/1536

Tecan® Genesis Freedom®, Freedom Evo® and Miniprep with LiHa

Cat.No.	Max Volume(µl)	Surface Type	Filter	Sterile	Color	Packaging	Qty.per box/case
AUT000020	20	Normal	N	N	Black	Rack box	96/2304
ANT000020	20	Low Retention	N	N	Black	Rack box	96/2304
AUT001020	20	Normal	N	Y	Black	Rack box	96/2304
ANT001020	20	Low Retention	N	Y	Black	Rack box	96/2304
AUT101020	20	Normal	Y	Y	Black	Rack box	96/2304
AUT101020	20	Low Retention	Y	Y	Black	Rack box	96/2304
AUT000050	50	Normal	N	N	Black	Rack box	96/2304
ANT000050	50	Low Retention	N	N	Black	Rack box	96/2304
AUT001050	50	Normal	N	Y	Black	Rack box	96/2304
ANT001050	50	Low Retention	N	Y	Black	Rack box	96/2304
AUT101050	50	Normal	Y	Y	Black	Rack box	96/2304
ANT101050	50	Low Retention	Y	Y	Black	Rack box	96/2304
AUT000200	200	Normal	N	N	Black	Rack box	96/2304
ANT000200	200	Low Retention	N	N	Black	Rack box	96/2304
AUT001200	200	Normal	N	Y	Black	Rack box	96/2304
ANT001200	200	Low Retention	N	Y	Black	Rack box	96/2304
AUT101200	200	Normal	Y	Y	Black	Rack box	96/2304
ANT101200	200	Low Retention	Y	Y	Black	Rack box	96/2304
AUT000000	1000	Normal	N	N	Black	Rack box	96/1536
ANT000000	1000	Low Retention	N	N	Black	Rack box	96/1536
AUT001000	1000	Normal	N	Y	Black	Rack box	96/1536
AUT001000	1000	Low Retention	N	Y	Black	Rack box	96/1536
AUT101000	1000	Normal	Y	Y	Black	Rack box	96/1536
AUT101000	1000	Low Retention	Y	Y	Black	Rack box	96/1536

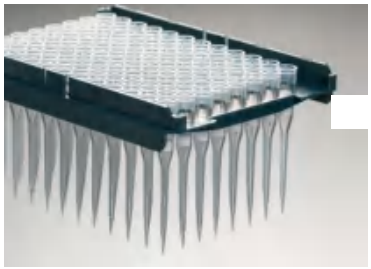


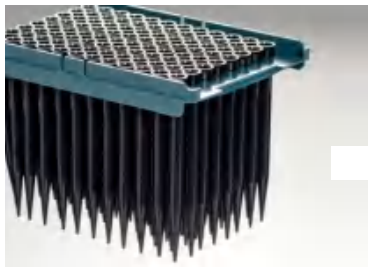




BECKMAN，FX/NX,Multimek AP96 and Biomek3000

Cat.No.	Max Volume(μl)	Surface Type	Filter	Sterile	Color	Packaging	Qty.per box/case
ATB000020	20	Normal	N	N	Natural	Rack box	96/4800
AMB000020	20	Low Retention	N	N	Natural	Rack box	96/4800
ATB001020	20	Normal	N	Y	Natural	Rack box	96/4800
AMB001020	20	Low Retention	N	Y	Natural	Rack box	96/4800
ATB101010	10	Normal	Y	Y	Natural	Rack box	96/4800
AMB101010	10	Low Retention	Y	Y	Natural	Rack box	96/4800
ATB000050	50	Normal	N	N	Natural	Rack box	96/4800
AMB000050	50	Low Retention	N	N	Natural	Rack box	96/4800
ATB001050	50	Normal	N	Y	Natural	Rack box	96/4800
AMB001050	50	Low Retention	N	Y	Natural	Rack box	96/4800
ATB101050	50	Normal	Y	Y	Natural	Rack box	96/4800
AMB101050	50	Low Retention	Y	Y	Natural	Rack box	96/4800
ATB000250	250	Normal	N	N	Natural	Rack box	96/4800
AMB000250	250	Low Retention	N	N	Natural	Rack box	96/4800
ATB001250	250	Normal	N	Y	Natural	Rack box	96/4800
AMB001250	250	Low Retention	N	Y	Natural	Rack box	96/4800
ATB101180	180	Normal	Y	Y	Natural	Rack box	96/4800
AMB101180	180	Low Retention	Y	Y	Natural	Rack box	96/4800





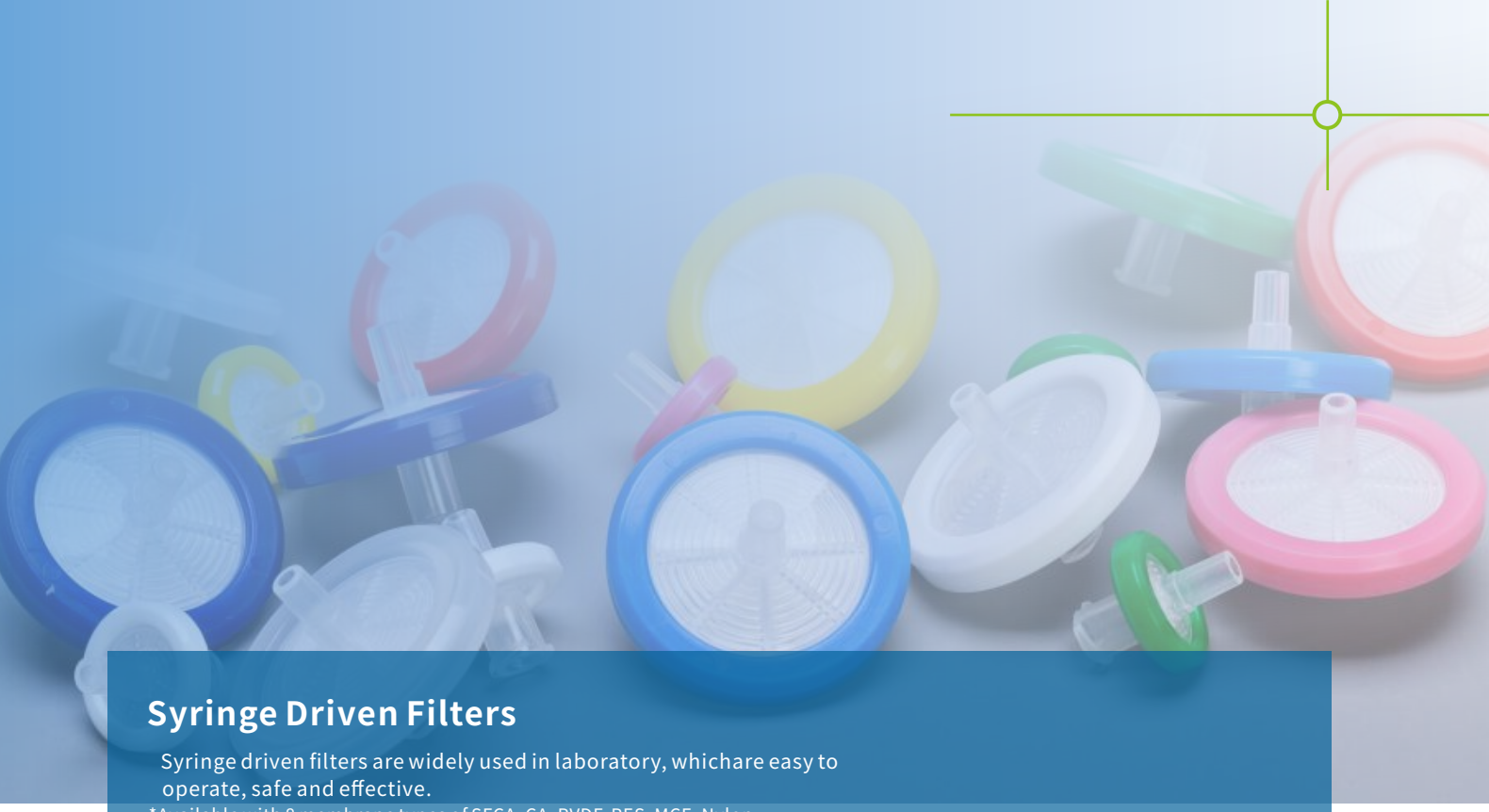
BECKMAN，FX/NX,Multimek AP96 and Biomek3000

Cat.No.	Max Volume(μl)	Surface Type	Filter	Sterile	Color	Packaging	Qty.per box/case
AUB000020	20	Normal	N	N	Black	Rack box	96/4800
ANB000020	20	Low Retention	N	N	Black	Rack box	96/4800
AUB001020	20	Normal	N	Y	Black	Rack box	96/4800
ANB001020	20	Low Retention	N	Y	Black	Rack box	96/4800
AUB101020	20	Normal	Y	Y	Black	Rack box	96/4800
ANB101020	20	Low Retention	Y	Y	Black	Rack box	96/4800
AUB000050	50	Normal	N	N	Black	Rack box	96/4800
ANB000050	50	Low Retention	N	N	Black	Rack box	96/4800
AUB001050	50	Normal	N	Y	Black	Rack box	96/4800
ANB001050	50	Low Retention	N	Y	Black	Rack box	96/4800
AUB101050	50	Normal	Y	Y	Black	Rack box	96/4800
ANB101050	50	Low Retention	Y	Y	Black	Rack box	96/4800
AUB000250	250	Normal	N	N	Black	Rack box	96/4800
ANB000250	250	Low Retention	N	N	Black	Rack box	96/4800
AUB001250	250	Normal	N	Y	Black	Rack box	96/4800
ANB001250	250	Low Retention	N	Y	Black	Rack box	96/4800
AUB101180	180	Normal	Y	Y	Black	Rack box	96/4800
ANB101180	180	Low Retention	Y	Y	Black	Rack box	96/4800

BIOFIL®

Filtration Products





Syringe Driven Filters

Syringe driven filters are widely used in laboratory, whichare easy to operate, safe and effective.

*Available with 8 membrane types of SFCA, CA, PVDF, PES, MCE, Nylon, PTFE and GF+CA
*3 membrane areas of 1.52cm², 4.9cm² and 6.56 cm²
*3 pore sizes: 0.1μm, 0.22μm and 0.45μm
*Quality tested for filter efficacy and housing integrity
*Low hold-up volume
*Sterilized by irradiation
*Non-pyrogenic

Ordering Information

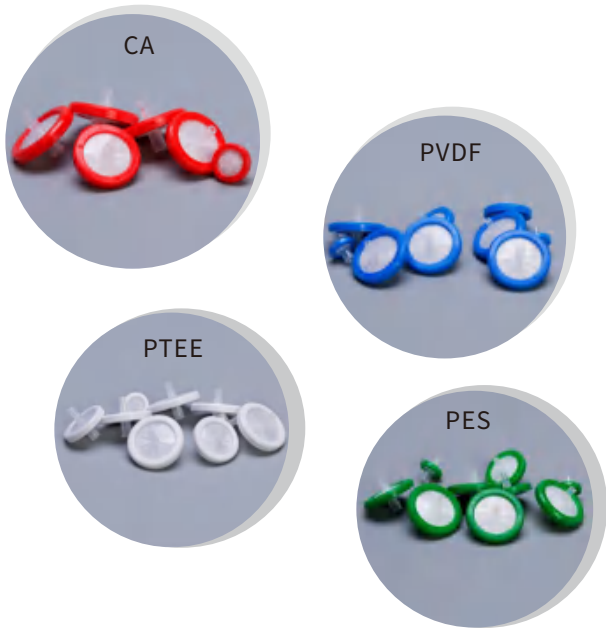
*Individually packed in peel-to-open paper/plastic blister pack
*Designed recycle paper package box for easy open and close or place
*Every package box is labeled with lot No.

Membrane Material	Housing Diameter(mm)	Filter Area(cm²)	Housing Material	Hold-up Volume(ml)
PVDF Blue	13.0	0.88	PP	<10
	25.0	3.46	PP	<100
	30.0	4.45	PP	<100
PES Green	13.0	0.88	PP	<10
	25.0	3.46	PP	<100
	30.0	4.45	PP	<100
MEC Yellow	13.0	0.88	PP	<10
	25.0	3.46	PP	<100
	30.0	4.45	PP	<100
NYLON Pink	13.0	0.88	PP	<10
	25.0	3.46	PP	<100
	30.0	4.45	PP	<100
PTFE White	13.0	0.88	PP	<10
	25.0	3.46	PP	<100
	30.0	4.45	PP	<100
CA Red	13.0	0.88	PP	<10
	25.0	3.46	PP	<100
	30.0	4.45	PP	<100
SFCA Deep Bule	13.0	0.88	PP	<10
	25.0	3.46	PP	<100
	30.0	4.45	PP	<100
GF+CA Natural	13.0	0.88	PP	<10
	25.0	3.46	PP	<100
	30.0	4.45	PP	<100





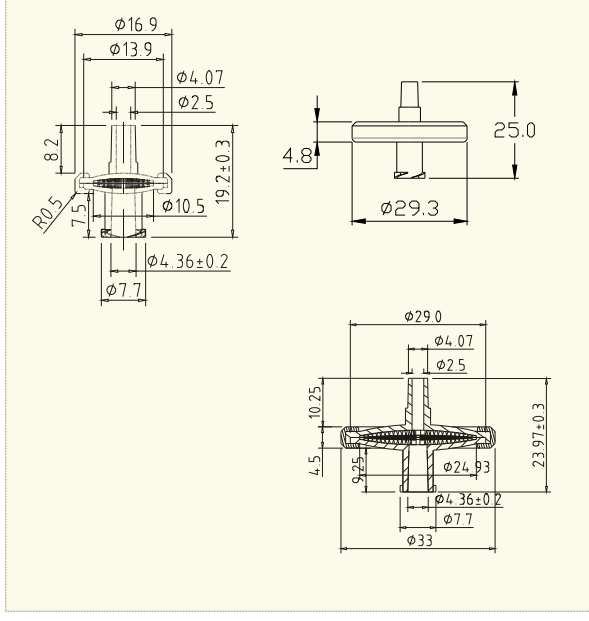




Individually Package,Sterile

Cat.No.	Membrane Material	Pore Size(μm)	Housing Diameter(mm)	Sterile	Qty.per box/case
FMC201013	MCE	0.22	13.0	Y	100/800
FMC201025		0.22	25.0	Y	45/360
FMC201030		0.22	30.0	Y	45/360
FMC401013		0.45	13.0	Y	100/800
FMC401025		0.45	25.0	Y	45/360
FMC401030		0.45	30.0	Y	45/360
FPV103013	PVDF	0.10	13.0	Y	100/800
FPV103025		0.10	25.0	Y	45/360
FPV103030		0.10	30.0	Y	45/360
FPV203013		0.22	13.0	Y	100/800
FPV203025		0.22	25.0	Y	45/360
FPV203030		0.22	30.0	Y	45/360
FPV403013		0.45	13.0	Y	100/800
FPV403025		0.45	25.0	Y	45/360
FPV403030		0.45	30.0	Y	45/360
PTF205013	PTFE	0.22	13.0	Y	100/800
PTF205025		0.22	25.0	Y	45/360
PTF205030		0.22	30.0	Y	45/360
PTF405013		0.45	13.0	Y	100/800
PTF405025		0.45	25.0	Y	45/360
PTF405030		0.45	30.0	Y	45/360
FNY202013	Nylon	0.22	13.0	Y	100/800
FNY202025		0.22	25.0	Y	45/360
FNY202030		0.22	30.0	Y	45/360
FNY402013		0.45	13.0	Y	100/800
FNY402025		0.45	25.0	Y	45/360
FNY402030		0.45	30.0	Y	45/360
FPE204013	PES	0.22	13.0	Y	100/800
FPE204025		0.22	25.0	Y	45/360
FPE204030		0.22	30.0	Y	45/360

Cat.No.	Membrane Material	Pore Size(μm)	Housing Diameter(mm)	Sterile	Qty.per box/case
FPE404013	PES	0.45	13.0	Y	100/800
FPE404025		0.45	25.0	Y	45/360
FPE404030		0.45	30.0	Y	45/360
FCA206013	CA	0.22	13.0	Y	100/800
FCA206025		0.22	25.0	Y	45/360
FCA206030		0.22	30.0	Y	45/360
FCA406013		0.45	13.0	Y	100/800
FCA406025		0.45	25.0	Y	45/360
FCA406030		0.45	30.0	Y	45/360
SCA207013	SFCA	0.22	13.0	Y	100/800
SCA207025		0.22	25.0	Y	45/360
SCA207030		0.22	30.0	Y	45/360
SCA407013		0.45	13.0	Y	100/800
SCA407025		0.45	25.0	Y	45/360
SCA407030		0.45	30.0	Y	45/360
FPE204113	Millipore PES Express Membrane	0.22	13.0	Y	100/800
FPE204125		0.22	25.0	Y	45/360
FPE204130		0.22	30.0	Y	45/360
FPE404113		0.45	13.0	Y	100/800
FPE404125		0.45	25.0	Y	45/360
FPE404130		0.45	30.0	Y	45/360
GFA201025	GF1.1um+ CA0.22um	0.22	25.0	Y	45/360
GFA201030		0.22	30.0	Y	45/360
GFA401025		0.45	25.0	Y	45/360
GFA401030		0.45	30.0	Y	45/360



Bulk Package,Sterile

Cat. No.	Membrane Material	Pore Size(μm)	Housing Diameter(mm)	Sterile	Qty. per box/ case
FMC211013	MCE	0.22	13.0	Y	100/1000
FMC211025		0.22	25.0	Y	50/500
FMC211030		0.22	30.0	Y	50/500
FMC411013		0.45	13.0	Y	100/1000
FMC411025		0.45	25.0	Y	50/500
FMC411030		0.45	30.0	Y	50/500
FPV113013	PVDF	0.10	13.0	Y	100/1000
FPV113025		0.10	25.0	Y	50/500
FPV113030		0.10	30.0	Y	50/500
FPV213013		0.22	13.0	Y	100/1000
FPV213025		0.22	25.0	Y	50/500
FPV213030		0.22	30.0	Y	50/500
FPV413013		0.45	13.0	Y	100/1000
FPV413025		0.45	25.0	Y	50/500
FPV413030		0.45	30.0	Y	50/500
PTF215013	PTFE	0.22	13.0	Y	100/1000
PTF215025		0.22	25.0	Y	50/500
PTF215030		0.22	30.0	Y	50/500
PTF415013		0.45	13.0	Y	100/1000
PTF415025		0.45	25.0	Y	50/500
PTF415030		0.45	30.0	Y	50/500
FNY212013	Nylon	0.22	13.0	Y	100/1000
FNY212025		0.22	25.0	Y	50/500
FNY212030		0.22	30.0	Y	50/500
FNY412013		0.45	13.0	Y	100/1000
FNY412025		0.45	25.0	Y	50/500
FNY412030		0.45	30.0	Y	50/500
FPE214013	PES	0.22	13.0	Y	100/1000
FPE214025		0.22	25.0	Y	50/500
FPE214030		0.22	30.0	Y	50/500
FPE414013		0.45	13.0	Y	100/1000
FPE414025		0.45	25.0	Y	50/500
FPE414030		0.45	30.0	Y	50/500
FCA216013	CA	0.22	13.0	Y	100/1000
FCA216025		0.22	25.0	Y	50/500
FCA216030		0.22	30.0	Y	50/500
FCA416013		0.45	13.0	Y	100/1000
FCA416025		0.45	25.0	Y	50/500
FCA416030		0.45	30.0	Y	50/500
SCA217013	SFCA	0.22	13.0	Y	100/1000
SCA217025		0.22	25.0	Y	50/500
SCA217030		0.22	30.0	Y	50/500
SCA417013		0.45	13.0	Y	100/1000
SCA417025		0.45	25.0	Y	50/500
SCA417030		0.45	30.0	Y	50/500
GFA211025	GF1.1um+ CA0.22um	0.22	25.0	Y	50/500
GFA211030		0.22	30.0	Y	50/500
GFA411025		0.45	25.0	Y	50/500
GFA411030		0.45	30.0	Y	50/500

Bulk Package,Non-Sterile

Cat. No.	Membrane Material	Pore Size(μm)	Housing Diameter(mm)	Sterile	Qty. per box/ case
FMC221013	MCE	0.22	13.0	Y	100/1000
FMC221025		0.22	25.0	Y	50/500
FMC221030		0.22	30.0	Y	50/500
FMC421013		0.45	13.0	Y	100/1000
FMC421025		0.45	25.0	Y	50/500
FMC421030		0.45	30.0	Y	50/500
FPV123013	PVDF	0.10	13.0	Y	100/1000
FPV123025		0.10	25.0	Y	50/500
FPV123030		0.10	30.0	Y	50/500
FPV223013		0.22	13.0	Y	100/1000
FPV223025		0.22	25.0	Y	50/500
FPV223030		0.22	30.0	Y	50/500
FPV423013		0.45	13.0	Y	100/1000
FPV423025		0.45	25.0	Y	50/500
FPV423030		0.45	30.0	Y	50/500
PTF225013	PTFE	0.22	13.0	Y	100/1000
PTF225025		0.22	25.0	Y	50/500
PTF225030		0.22	30.0	Y	50/500
PTF425013		0.45	13.0	Y	100/1000
PTF425025		0.45	25.0	Y	50/500
PTF425030		0.45	30.0	Y	50/500
FNY222013	Nylon	0.22	13.0	Y	100/1000
FNY222025		0.22	25.0	Y	50/500
FNY222030		0.22	30.0	Y	50/500
FNY422013		0.45	13.0	Y	100/1000
FNY422025		0.45	25.0	Y	50/500
FNY422030		0.45	30.0	Y	50/500
FPE224013	PES	0.22	13.0	Y	100/1000
FPE224025		0.22	25.0	Y	50/500
FPE224030		0.22	30.0	Y	50/500
FPE424013		0.45	13.0	Y	100/1000
FPE424025		0.45	25.0	Y	50/500
FPE424030		0.45	30.0	Y	50/500
FCA226013	CA	0.22	13.0	Y	100/1000
FCA226025		0.22	25.0	Y	50/500
FCA226030		0.22	30.0	Y	50/500
FCA426013		0.45	13.0	Y	100/1000
FCA426025		0.45	25.0	Y	50/500
FCA426030		0.45	30.0	Y	50/500
SCA227013	SFCA	0.22	13.0	Y	100/1000
SCA227025		0.22	25.0	Y	50/500
SCA227030		0.22	30.0	Y	50/500
SCA427013		0.45	13.0	Y	100/1000
SCA427025		0.45	25.0	Y	50/500
SCA427030		0.45	30.0	Y	50/500
GFA221025	GF1.1um+ CA0.22um	0.22	25.0	Y	50/500
GFA221030		0.22	30.0	Y	50/500
GFA421025		0.45	25.0	Y	50/500
GFA421030		0.45	30.0	Y	50/500

50mm Needle Filter



The 50mm needle filter housing is made of polypropylene (PP), polytetrafluoroethylene (PTFE) membrane, no surfactant, one bi-directional membrane support and Luer lock (diameter 15/25 mm) or ladder The barb (50 mm diameter) inlet/outlet ensures a secure loading of the syringe.

*Each filter is printed with filter type and aperture to facilitate tracebility of the product

*Suitable for gas sterilization sterile container ventilation and organic solution sterilization or clarification

* Non-pyrogenic and non-cytotoxic.

Individually Package, Sterile

Cat. No.	Membrane Material	Pore Size(μm)	Housing Diameter(mm)	Sterile	Qty. per box/case
PTF245050	PTFE	0.22	50.0	Y	1/150
PTF445050		0.45	50.0	Y	1/150
PTF255050	PTFE	0.22	50.0	Y	1/150
PTF455050		0.45	50.0	Y	1/150

Rack Box

Cat. No.	Membrane Material	Pore Size(μm)	Housing Diameter(mm)	Sterile	Qty. per box/case
PTF225050	PTFE	0.22	50.0	N	10/200
PTF425050		0.45	50.0	N	10/200
PTF235050	PTFE	0.22	50.0	N	20/240
PTF435050		0.45	50.0	N	20/240



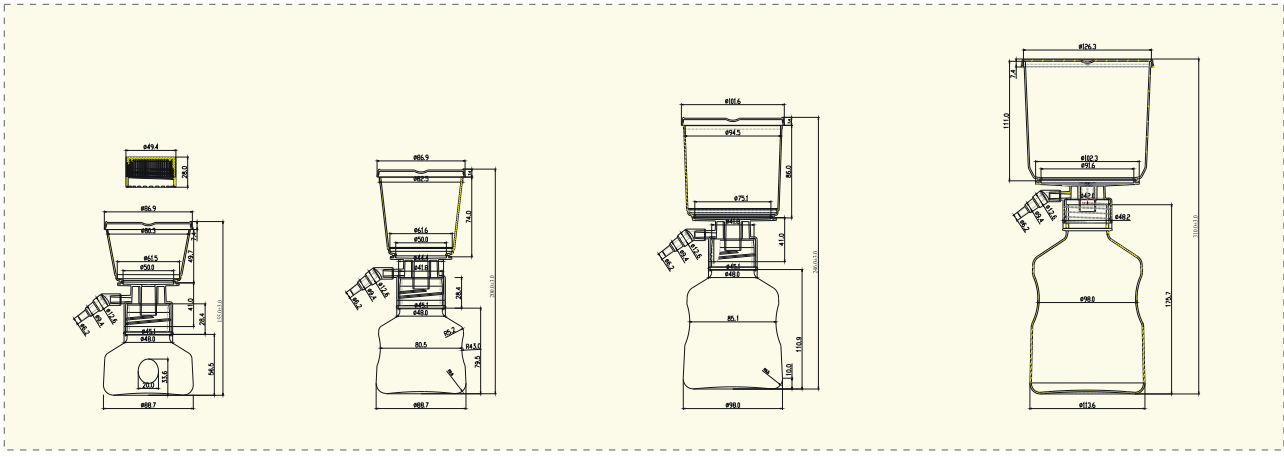


Vacuum Filtration

Vacuum filters are very useful in largevolume samples separation and purification.

* Membrane: PVDF PES MCE Nylon CA
* Pore size: 0.10μm 0.22μm 0.45μm
* Volume: 150ml 250ml 500ml 1000ml
* Membrane Diameter: Φ50 Φ75 Φ91
* Light weight and heavy wall construction
* Large knurls on the reservoir bottle cap for easy screw
* Designed wide and easy access bottle mouth for efficiently and stably pour out
* Engraved graduation ensure veracity
* Ergonomically designed sidewalls and collar can simplify tightening/loosening and adjustments
* Designed hose connector can fit multiplicate hose diameters
* Non-pyrogenic

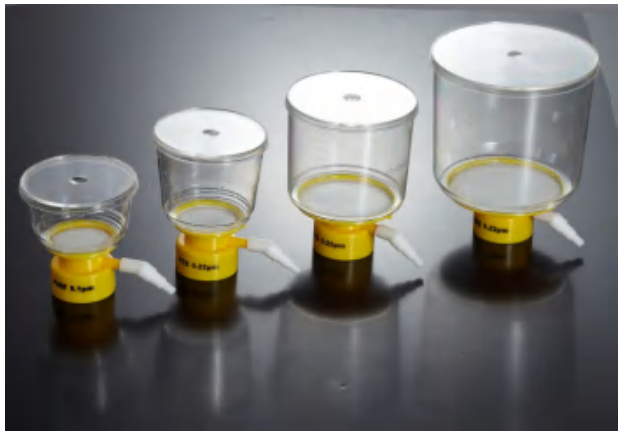
Housing Material	Filter Upper Cup Capacity(ml)	Full Unit Overall Height	Filter Diameter (mm)	Working Volume (ml)	Hold-up Volume (ml)	Linker and Cap Material	Fitting Outlet (mm)	Maximum Operating Temperature(°C)
ABS	150	156	50	150	3	PP	45	45
ABS	250	200	50	250	3	PP	45	45
ABS	500	245	75	500	3	PP	45	45
ABS	1000	310	91	1000	3	PP	45	45



Cat.No.	Membrane Material	Pore Size (μm)	Capacity (ml)	Membrane Diameter (mm)	Qty. per box/case
FPV103150	PVDF	0.1	150	Φ50	1/12
FPV103250		0.1	250	Φ50	1/12
FPV103500		0.1	500	Φ75	1/12
FPV103000		0.1	1000	Φ91	1/12
FPV203150		0.22	150	Φ50	1/12
FPV203250		0.22	250	Φ50	1/12
FPV203500		0.22	500	Φ75	1/12
FPV203000		0.22	1000	Φ91	1/12
FPV403150		0.45	150	Φ50	1/12
FPV403250		0.45	250	Φ50	1/12
FPV403500		0.45	500	Φ75	1/12
FPV403000		0.45	1000	Φ91	1/12
FMC201150	MCE	0.22	150	Φ50	1/12
FMC201250		0.22	250	Φ50	1/12
FMC201500		0.22	500	Φ75	1/12
FMC201000		0.22	1000	Φ91	1/12
FMC401150		0.45	150	Φ50	1/12
FMC401250		0.45	250	Φ50	1/12
FMC401500		0.45	500	Φ75	1/12
FMC401000		0.45	1000	Φ91	1/12
FPE204150	PES	0.22	150	Φ50	1/12
FPE204250		0.22	250	Φ50	1/12
FPE204500		0.22	500	Φ75	1/12
FPE204000		0.22	1000	Φ91	1/12
FPE404150		0.45	150	Φ50	1/12
FPE404250		0.45	250	Φ50	1/12
FPE404500		0.45	500	Φ75	1/12
FPE404000		0.45	1000	Φ91	1/12
FNY202150	Nylon	0.22	150	Φ50	1/12
FNY202250		0.22	250	Φ50	1/12
FNY202500		0.22	500	Φ75	1/12
FNY202000		0.22	1000	Φ91	1/12
FNY402150		0.45	150	Φ50	1/12
FNY402250		0.45	250	Φ50	1/12

Cat.No.	Membrane Material	Pore Size (μm)	Capacity (ml)	Membrane Diameter (mm)	Qty. per box/case
FNY402500	Nylon	0.45	500	Φ75	1/12
FNY402000		0.45	1000	Φ91	1/12
FCA206150	CA	0.22	150	Φ50	1/12
FCA206250		0.22	250	Φ50	1/12
FCA206500		0.22	500	Φ75	1/12
FCA206000		0.22	1000	Φ91	1/12
FCA406150		0.45	150	Φ50	1/12
FCA406250		0.45	250	Φ50	1/12
FCA406500		0.45	500	Φ75	1/12
FCA406000		0.45	1000	Φ91	1/12
FPE234150	PES Express	0.22	150	Φ50	1/12
FPE434150		0.45	150	Φ50	1/12
FPE234250		0.22	250	Φ50	1/12
FPE434250		0.45	250	Φ50	1/12
FPE234500		0.22	500	Φ75	1/12
FPE434500		0.45	500	Φ75	1/12
FPE234000		0.22	1000	Φ91	1/12
FPE434000		0.45	1000	Φ91	1/12
FPE244250	PES	0.22	250	Φ75	1/12
SCA207250	SFCA	0.22	250	Φ50	1/12
SCA407250		0.45	250	Φ50	1/12
SCA207500		0.22	500	Φ75	1/12
SCA407500		0.45	500	Φ75	1/12
SCA207000		0.22	1000	Φ91	1/12
SCA407000		0.45	1000	Φ91	1/12
SCA207150		0.22	150	Φ50	1/12
SCA407150		0.45	150	Φ50	1/12

Filter Upper Cup



*Available with 5 membrane sorts of PVDF, PES, MCE , CA and Nylon
*3 membrane pore sizes of 0.10μm, 0.22μm and 0.45μm
*Filter Diameter of 73mm and Membrane Diameter of 75mm with the volume size of 500 ml
*4 volume sizes of 150ml, 250ml, 500ml and 1000ml
*Light weight and heavy wall construction
*Designed wide and easy access bottle mouth for efficiently and stably pour out
*Non-pyrogenic

Cat. No.	Membrane Material	Pore Size (μm)	Capacity (ml)	Membrane Diameter (mm)	Qty. per box/case
FPV113150	PVDF	0.1	150	Φ50	1/24
FPV113250		0.1	250	Φ50	1/24
FPV113500		0.1	500	Φ75	1/24
FPV113000		0.1	1000	Φ91	1/24
FPV213150		0.22	150	Φ50	1/24
FPV213250		0.22	250	Φ50	1/24
FPV213500		0.22	500	Φ75	1/24
FPV213000		0.22	1000	Φ91	1/24
FPV413150		0.45	150	Φ50	1/24
FPV413250		0.45	250	Φ50	1/24
FPV413500		0.45	500	Φ75	1/24
FPV413000		0.45	1000	Φ91	1/24
FMC211150	MCE	0.22	150	Φ50	1/24
FMC211250		0.22	250	Φ50	1/24
FMC211500		0.22	500	Φ75	1/24
FMC211000		0.22	1000	Φ91	1/24
FMC411150		0.45	150	Φ50	1/24
FMC411250		0.45	250	Φ50	1/24
FMC411500		0.45	500	Φ75	1/24
FMC411000		0.45	1000	Φ91	1/24
FPE214150	PES	0.22	150	Φ50	1/24
FPE214250		0.22	250	Φ50	1/24
FPE214500		0.22	500	Φ75	1/24
FPE214000		0.22	1000	Φ91	1/24
FPE414150		0.45	150	Φ50	1/24
FPE414250		0.45	250	Φ50	1/24
FPE414500		0.45	500	Φ75	1/24
FPE414000		0.45	1000	Φ91	1/24
FNY212150	Nylon	0.22	150	Φ50	1/24
FNY212250		0.22	250	Φ50	1/24
FNY212500		0.22	500	Φ75	1/24
FNY212000		0.22	1000	Φ91	1/24
FNY412150		0.45	150	Φ50	1/24
FNY412250		0.45	250	Φ50	1/24
FNY412500	Nylon	0.45	500	Φ75	1/24
FNY412000		0.45	1000	Φ91	1/24
FCA216150	CA	0.22	150	Φ50	1/24
FCA216250		0.22	250	Φ50	1/24
FCA216500		0.22	500	Φ75	1/24
FCA216000		0.22	1000	Φ91	1/24
FCA416150		0.45	150	Φ50	1/24
FCA416250		0.45	250	Φ50	1/24
FCA416500		0.45	500	Φ75	1/24
FCA416000		0.45	1000	Φ91	1/24
FPE254250	PES	0.22	250	Φ75	1/24
SCA217000	SFCA	0.22	1000	Φ91	1/24
SCA217150		0.22	150	Φ50	1/24
SCA217250		0.22	250	Φ50	1/24
SCA217500		0.22	500	Φ75	1/24
SCA417000		0.45	1000	Φ91	1/24
SCA417150		0.45	150	Φ50	1/24
SCA417250		0.45	250	Φ50	1/24
SCA417500		0.45	500	Φ75	1/24

Reservoir Bottle

Cat. No.	Membrane Material	Capacity (ml)	Sterile	Qty. per box/case
FRB000150	PS	150	Y	1/24
FRB000250		250	Y	1/24
FRB000500		500	Y	1/24
FRB000000		1000	Y	1/24

Tube Top Vacuum Filters





* 50mm diameter membrane
* 2 Pore sizes 0.22µm, 0.45µm, 5 membrane types of CA, PES, MCE, PVDF and Nylon
* Minimize unnecessary transfers by filtering directly into centrifuge tube
* Each polypropylene centrifuge tube is supplied with an individually wrapped cap for storage
* Sterilized by irradiation
* Non-pyrogenic

Cat. No.	Membrane Material	Pore Size(µm)	Funnel / Tube Size(ml)	Sterile	Qty. per box/case
FCF000001	CA	0.45	150/50	Y	1/24
FCF000002		0.22	150/50	Y	1/24
FCF000003	PES	0.45	150/50	Y	1/24
FCF000004		0.22	150/50	Y	1/24
FCF000005	MCE	0.45	150/50	Y	1/24
FCF000006		0.22	150/50	Y	1/24
FCF000007	PVDF	0.45	150/50	Y	1/24
FCF000008		0.22	150/50	Y	1/24
FCF000009	Nylon	0.45	150/50	Y	1/24
FCF000010		0.22	150/50	Y	1/24

Tube Vacuum Filter System(including tube, cap and stand)

Cat. No.	Membrane Material	Pore Size(µm)	Funnel / Tube Size(ml)	Sterile	Qty. per box/case
FCF010001	CA	0.45	150/50	Y	1/12
FCF010002		0.22	150/50	Y	1/12
FCF010003	PES	0.45	150/50	Y	1/12
FCF010004		0.22	150/50	Y	1/12
FCF010005	MCE	0.45	150/50	Y	1/12
FCF010006		0.22	150/50	Y	1/12
FCF010007	PVDF	0.45	150/50	Y	1/12
FCF010008		0.22	150/50	Y	1/12
FCF010009	Nylon	0.45	150/50	Y	1/12
FCF010010		0.22	150/50	Y	1/12

Ultra-filtration Concentrator





Working principle of ultra-filtration technology:

Ultra-filtration is one type of membrane separation technologies under pressure, which is widely used in the concentration, desalination and buffer exchange of biological samples. The working principle is that the solution is filtered under pressure through the pore on the ultra-filtration membrane, in which the particles of high molecular weight are intercepted, and the substances and solvents of low molecular weight are allowed to pass through the membrane, so as to achieve the purpose of separating large molecules from small molecules.

Advantages of combining ultra-filtration technology and centrifugal technology:

The ultra-filtration concentrator is a disposable filter that combines centrifugal force and ultra-filtration technology, so as to obtain reliable data for the concentration, desalination and buffer exchange of protein samples in biological experiments. Compared with methods such as chromatography and dialysis, the ultra-filtration concentrator can process molecules more gently, without requiring organic extraction or causing protein denaturation. It is fast, operator-friendly and efficient. When the molecules are separated, the concentration factor has been greatly improved and the concentration efficiency has been significantly increased.

Product introduction

The Jet 15mL and 50ml ultra-filtration concentrators are capable of processing samples within 5mL and 10mL respectively. The centrifuge tube is equipped with a built-in vertical polyethersulfone (PES) membrane filter that features low protein adhesion and high flux, which can be applied to a variety of different molecular weight cut-offs. Generally, the recovery rate can be more than 90%.

(1) Materials of parts

No.	Parts	Materials
1	Cap	HDPE
2	Centrifuge tube	PP
3	Filter	MBS
4	Membrane	PES



(2) Characteristics

Specifications	MWCO (kDa)	Effective filtration area	Applicable biological molecular weight (kD)	Maximum processed sample volume	Maximum centrifugal force (fixed-angle rotor)	Maximum centrifugal force (bucket-type rotor)
15ml	3	2.5cm^2	11K~19K	Fixed-angle rotor 5ml	7500xg	3000xg
	5		15K~30K		7500xg	3000xg
	10		32K~88K		7500xg	3000xg
	30		92K~178K		5000xg	3000xg
	50		150K~300K		5000xg	3000xg
	100		310K~890K		5000xg	3000xg
50ml	5	5.48cm^2	15K~30K	Fixed-angle rotor 10ml; bucket-type rotor 12ml	5000xg	4000xg
	10		32K~88K		5000xg	4000xg
	30		92K~178K		5000xg	4000xg
	50		150K~300K		5000xg	4000xg
	100		310K~890K		5000xg	4000xg
	1. Operating temperature range: -20~50°C; 2. The scale mark on the tube body is easy to identify, on which there is a large white frosted region for easy writing; 3. The tube body is designed with a white area with scale marks print and writable text; 4. It is free of DNase, RNase, heat source or endotoxin. 5. The products are manufactured in a class 100,000 clean workshop; 6. They are in line with the standards of ISO 13485 and ISO 9001 quality management system.					

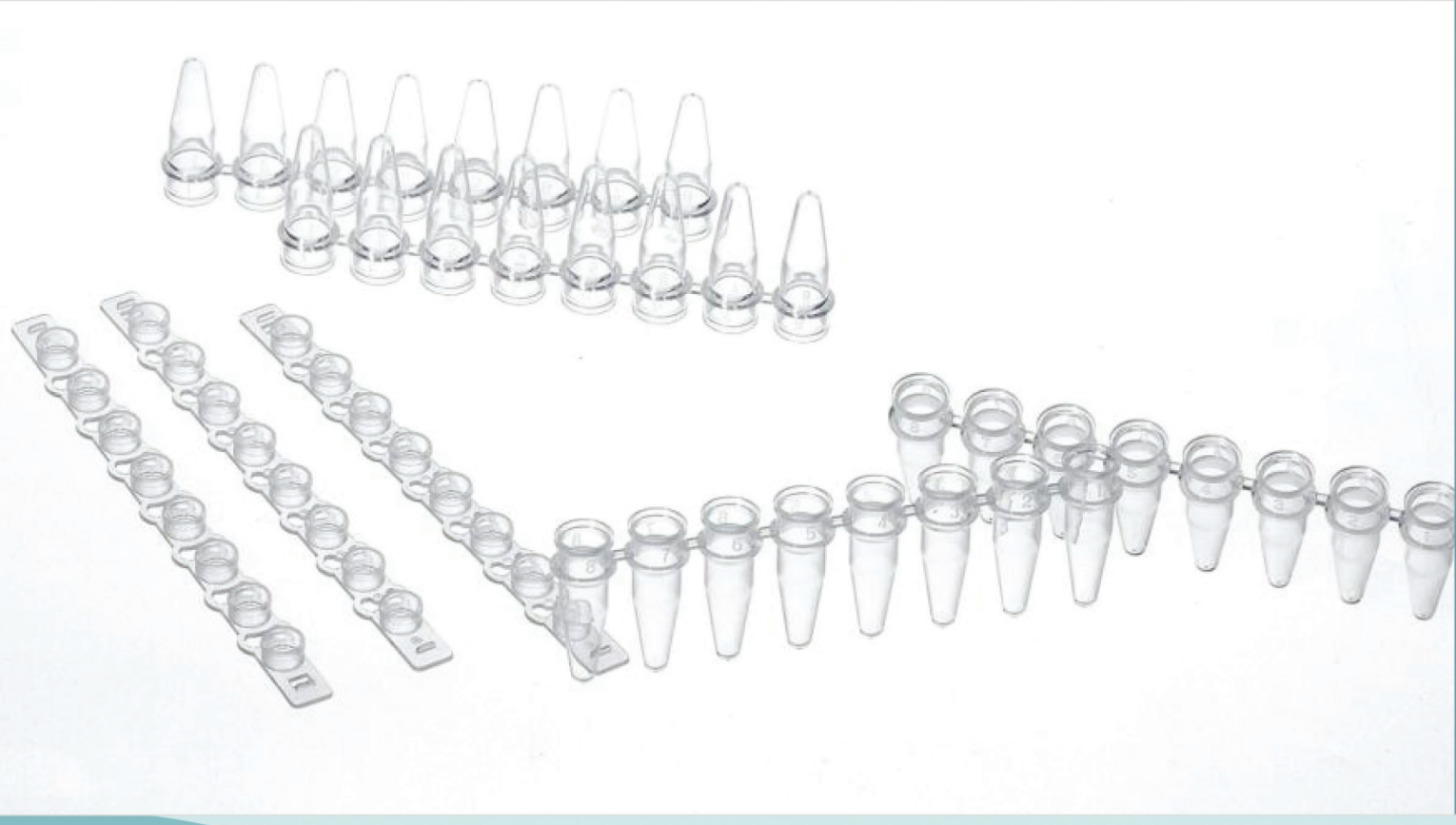


Product catalog and storage requirements

Product number	Product	Capacity	Box/Case	Whether it is sterile	Storage requirements
FTT103150	Ultra-filtration concentrator, 3KD	5mL	24/96	No	Room temperature
FTT105150	Ultra-filtration concentrator, 5KD		24/96		
FTT110150	Ultra-filtration concentrator, 10KD		24/96		
FTT130150	Ultra-filtration concentrator, 30KD		24/96		
FTT150150	Ultra-filtration concentrator, 50KD		24/96		
FTT100150	Ultra-filtration concentrator, 100KD		24/96		
FTT105500	Ultra-filtration concentrator, 5KD	12mL	24/96	No	Room temperature
FTT205500	Ultra-filtration concentrator, 5KD		24/96		
FTT110500	Ultra-filtration concentrator, 10KD		24/96		
FTT210500	Ultra-filtration concentrator, 10KD		24/96		
FTT130500	Ultra-filtration concentrator, 30KD		24/96		
FTT230500	Ultra-filtration concentrator, 30KD		24/96		
FTT150500	Ultra-filtration concentrator, 50KD		24/96		
FTT250500	Ultra-filtration concentrator, 50KD		24/96		
FTT100500	Ultra-filtration concentrator, 100KD		24/96		
FTT200500	Ultra-filtration concentrator, 100KD		24/96		

BIOFIL®

Other Laboratory Products



ELISA Plates



ELISA Plates are optimal products for ELISA and provide reliable performance in binding assays when consistent coating of wells is required.

* Available with 2 different protein binding capability well surface
* 2 different bottom styles, fixed flat bottom and detachable flat bottom
* 8 or 12 wells strip and 48 or 96 well detachable frames are supplied in order to satisfy different sample quantity and economize coat
* Well surface is uniform, smooth and free from striation to eliminate error
* CV of transmittance is less than 5.00%
* Wells are labeled with alphanumeric code for easy identification
* Sterilized by irradiation

Cat. No.	Well Qty.	Binding Capacity	Description	Qty.per (bag/box)/case
FEP100096	96 well	High Binding	Fixed Flat Bottom	10/200
FEP101896	96 well		Detachable, 8x12	10/200
FEP101296	96 well		Detachable, 12x8	10/200
FEP101248	48 well		Detachable, Flat	20/400
FEP100012	12 well		Strip 12x8	40/1600
FEP100008	8 well		Strip 8x12	60/2400
FEP200096	96 well	Medium Binding	Fixed Flat Bottom	10/200
FEP201896	96 well		Detachable, 8x12	10/200
FEP201296	96 well		Detachable, 12x8	10/200
FEP201248	48 well		Detachable, Flat	20/400
FEP200012	12 well		Strip 12x8	40/1600
FEP200008	8 well		Strip 8x12	60/2400

96-Well Plate



Deep well multi-well plates are excellent container as mother plates in cell and tissue culture assays requiring, sample storage and more.

*Manufactured form high-quality virgin polypropylene
*Available with 5 different well volumes : 0.36ml, 0.4ml, 1.0ml, 2.0ml and 2.2ml
*Resistant to a wide variety of chemicals
*Compatible with most robotic samplers and automated liquid handling systems
*Designed notched corners to facilitate orientation
*Stackable for easy storage
*Can be used with flexible mat covers reduce sample evaporation and contamination

Ordering Information:

*Plate and film are individually packaged
*Package in easy-to-open packs to assure contamination-free
*Every pack case is printed with lot No. for quality tracebility
*Available in sterilized or non-sterilized

Cat. No.	Volume (ml)	Well Qty.	Bottom	Lid	Sterile	Qty.per (bag/box)/case
RWP102096	1.0	96	Round	N	N	24/96
RWP103096	1.0	96	Round	N	Y	24/96
RWP102496	1.0	96	Round	Y	N	24/96
RWP103496	1.0	96	Round	Y	Y	24/96
RWP202096	2.0	96	Round	N	N	24/96
RWP203096	2.0	96	Round	N	Y	24/96
RWP202496	2.0	96	Round	Y	N	24/96
RWP203496	2.0	96	Round	Y	Y	24/96
VWP032096	0.36	96	V Bottom	N	N	10/100
VWP033096	0.36	96	V Bottom	N	Y	10/100
VWP032496	0.36	96	V Bottom	Y	N	10/100
VWP033496	0.36	96	V Bottom	Y	Y	10/100
UWP042096	0.4	96	U Bottom	N	N	10/100
UWP043096	0.4	96	U Bottom	N	Y	10/100
UWP042496	0.4	96	U Bottom	Y	N	10/100
UWP043496	0.4	96	U Bottom	Y	Y	10/100
DMP222096	2.2	96	square	N	N	24/96
DMP223096	2.2	96	square	N	Y	24/96
DMP222496	2.2	96	square	Y	N	24/96
DMP223496	2.2	96	square	Y	Y	24/96
DMP160096	1.6	96	U type	N	N	1/50
DMP161096	1.6	96	U type	N	Y	1/50
DMP220096	2.2	96	U type	N	N	1/50
DMP221096	2.2	96	U type	N	Y	1/50
DMP160196	1.6	96	U type	Y	N	1/50
DMP161196	1.6	96	U type	Y	Y	1/50
DMP220196	2.2	96	U type	Y	N	1/50
DMP221196	2.2	96	U type	Y	Y	1/50
DMP010096	—	96	Sealing film	N	N	100/1000
DMP011096	—	96	Sealing film	N	Y	100/1000
DMP020096	—	96	Sealing Pad	N	N	50/100
DMP021096	—	96	Sealing Pad	N	Y	50/100

48-Well Plate



Deep well multi-well plates are excellent container as mother plates in cell and tissue culture assays requiring, sample storage and more.

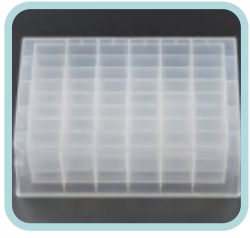
*Manufactured form high-quality virgin polypropylene
*Available with 2 different well volumes : 3.5ml and 4.6ml
1.0ml, 2.0ml and 2.2ml
*Resistant to a wide variety of chemicals
*Compatible with most robotic samplers and automated liquid handling systems
*Designed notched corners to facilitate orientation
*Stackable for easy storage
*Can be used with flexible mat covers reduce sample evaporation and contamination

Ordering Information:

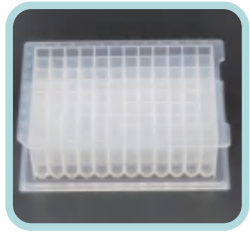
*Plate and film are individually packaged
*Package in easy-to-open packs to assure contamination-free
*Every pack case is printed with lot No. for quality tracebility
*Available in sterilized or non-sterilized

Cat.No.	Volume(ml)	Well Qty.	Bottom	Lid	Sterile	Qty.per (bag/box)/case
RWP352048	3.5	48	Round	N	N	24/96
RWP353048	3.5	48	Round	N	Y	24/96
DMP462048	4.6	48	square	N	N	24/96
DMP463048	4.6	48	square	N	Y	24/96

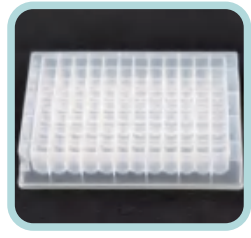
Square orifice plate



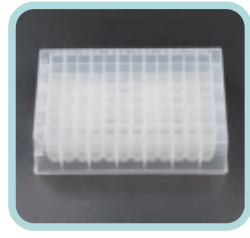
48well 4.6ml



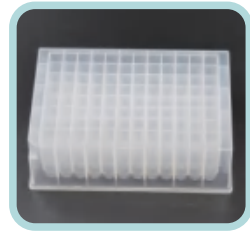
96well I-Shaped 2.2ml



96well 1.0ml

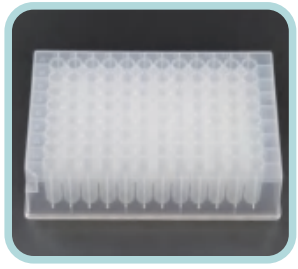


96well 1.6ml

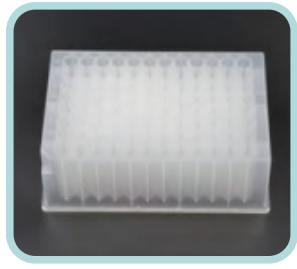


96well 2.2ml

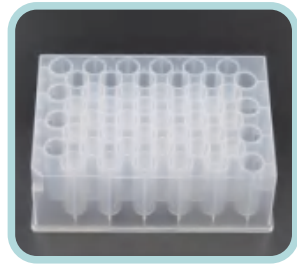
Orifice plate



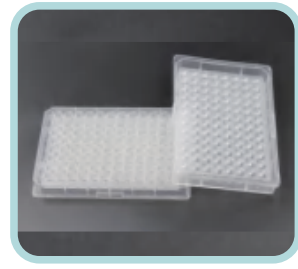
96well 1.0ml



96well 2.0ml

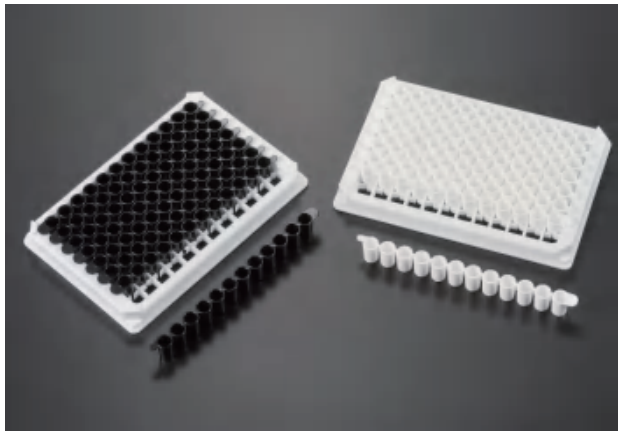


48well 3.5ml



96well U/V 0.36ml

96-Well Luminescence Test Plate

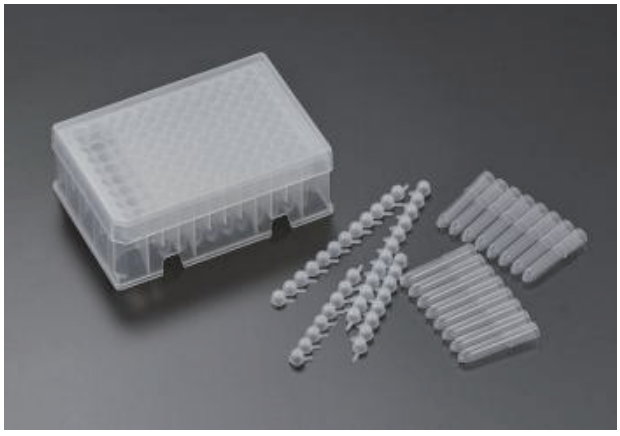


*Minimal well-to-well cross talk and low background.
*Ideal for a wide range of fluorescent/luminescent assays.
*Fluorescent ELISA's (superior sensitivity), multicolor fluorescent/luminescent assays. Total DNA & total protein assays. Cytochrome P-450 assays. DNA hybridization assays. Protease/peptidase assays, and more.
*Recommended working volume of 75 to 200 µL
*Flat bottom
*Enhances luminescent signals and have low background luminescence and fluorescence
*Ideal for reducing protein and nucleic acid binding at low concentrations, and increasing assay signal to noise
*Conforms to standard microplate shape and dimensions

Our 96-well luminescence test plates are manufactured from white and black virgin polystyrene and treated for optimal cell attachment.

Cat. No.	Well Qty.	Bottom	Specification	Colour	Qty.per (bag/box)/case
LTP010296	96	Detachable	12 well strip x 8	White	10/200
LTP010896	96	Detachable	8 well strip x 12	White	10/200
LTP010248	48	Detachable	12 well strip x 4	White	10/400
LTP021296	96	Detachable	12 well strip x 8	White	10/200
LTP021896	96	Detachable	8 well strip x 12	White	10/200

Sample Library Tube



Sample bank tubes are designed for long-term storage of samples.
Specification：individual tubes 8-well 12-well

* Autoclavable at 121°C and freezable to -80°C
* Tubes available with individual tubes, 8-well, and 12-well tubes strips
* Caps and tubes come in different packages
* 96 tube format with alpha numeric code and a clear lid
* DNase/RNase free and Non-pyrogenic

Cat. No.	Product Description	Packing Way
TUC000012	8-strip tube cap, natural, non-sterile	125 /bag, 1250 /case
TUC000013	8-strip tube cap, natural, sterile	125 /bag, 1250 /case
TUC000014	12-strip tube cap, natural, non-sterile	80 /bag, 800 /case
TUC000015	12-strip tube cap, natural, non-sterile	80 /bag, 800 /case
TUB000012	8-strip tube, no cap, natural, conical bottom, non-sterile	125 /bag, 1250 /case
TUB001012	12-strip tube, no cap, natural, conical bottom, non-sterile	80 /bag, 800 /case
TUB002012	Individual tube, no cap, natural, conical, non-sterile	1000/bag, 10000/case
TUB003012	Individual tube, no cap, racked, natural, conical, non-sterile	96/rack,10 racks/bag, 10 bags/case
TUB004012	Individual tube, no cap, racked, natural, conical, sterile	96/rack,10 racks/bag, 10 bags/case
TUB005012	8-strip tube, no cap, racked, natural, conical, non-sterile	96/rack (12 strips),10 racks/bag, 10 bags/case
TUB006012	8-strip tube, no cap, racked, natural, conical, sterile	96/rack (12 strips),10 racks/bag, 10 bags/case
TUB007012	12-strip tube, no cap, racked, natural, conical, non-sterile	96/rack (8 strips),10 racks/bag, 10 bags/case
TUB008012	12-strip tube, no cap, racked, natural, conical, sterile	96/rack (8 strips),10 racks/bag, 10 bags/case

Reagent Reservoir



*Manfuactured from high-quality polypropylene
*Low profile design, suitable for small volume robotic tips used in high flux instrument.
*In the automatic pipetting process, the reservoir can perfectly overcome the surface tension of the liquid and minimize residual liquid
*Matched reservoir breaker (for 96 and 384) and the cover can avoid the liquid wastage in the process of operation.
*Minimum residual liquid
*Low heavy metal content
*Microplanes can be stored under subzero temperature from -40 to -80°C
*DNase/RNase-free and Non-Pyrogenic

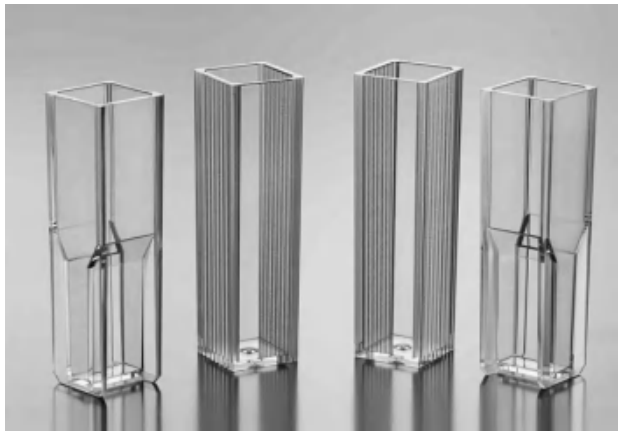
In the automatic pipetting process, the reservoir can perfectly overcome the surface tension of the liquid and minimize residual liquid.

Ordering Information:

*Plate and film are individually packaged
*Package in easy-to-open packs to assure contamination-free
*Every pack case is printed with lot No. for quality traceblity
*Available in sterilized or non-sterilized

Cat.No.	Volume(ml)	Well Qty.	Lid	Sterile	Qty.per (bag/box)/case
RES082022	22	8	N	N	10/50
RES083022	22	8	N	Y	10/50
RES122015	15	12	N	N	10/50
RES123015	15	12	N	Y	10/50
RES962095	195	96	N	N	10/50
RES963095	195	96	N	Y	10/50
RES842085	185	384	N	N	10/50
RES843085	185	384	N	Y	10/50

Cuvettes



Cuvettes are select disposable products for their optics speciality and chemically resistant.

*Pure crystal clear virgin GPPS ensures the transparency
*Available with standard volume size of 4.5ml, 10mm path length
*CV of transmittance is less than 0.3%
*Resistant with most polar organic solvents
*Smooth sides make optical pathway no inflecting
*Recessed sides prevent scratching and convenient for grip

Ordering Information:

*Packaged in styrofoam box
*Every package box is labeled with lot No.

Cat.No.	Material	Volume(ml)	Recommend Working volume	Specification (mm × mm × mm)	Speciality	Qty.per (bag/box)/case
CUV010045	PS	4.5	3~4ml	10 × 10 × 45	Two optical windows	100/1000
CUV010015	PS	1.5	1~2.5ml	10 × 10 × 45	Two optical windows	100/1000

PCR Tubes



PCR products are manufactured from prime virgin polypropylene. This result in tubes, strips andtips that exhibit a perfect balance between transparency, softness, robustness, antistatic characteristics and gas tightness.

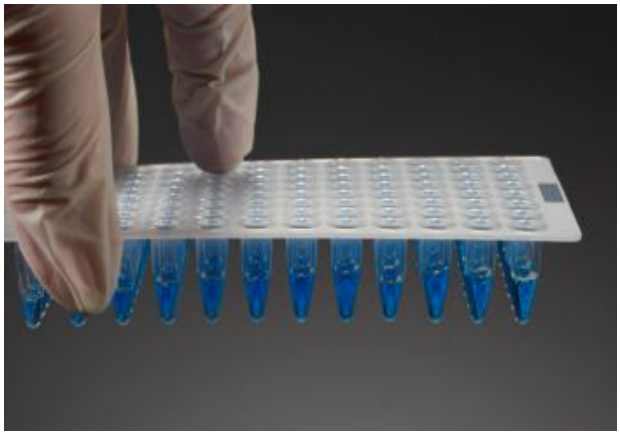
*0.2ml thin wall PCR Tubes, Strip of 8 Tubes, Flat caps.
*Manufactured from prime virgin polypropylene
*Ultra thin wall design for efficient heat transfer
*Compatible with standard 96-well heat blocks
*High light transmittance
*Sterilized
*DNase/RNase-free

Ordering Information:

*Package in easy opening plastic bag and box
*Every case has printed lot No. for quality tracebility.

Cat. No.	Description	Color	Qty.per (bag/box)/case
PCR100200	0.2ml PCR Tubes with Flat Cap, 8 Strips	Natual	125/1250
PCR000200	0.2ml PCR Tubes with Flat Cap, Single	Natual	1000/10000

96-Well PCR Plates



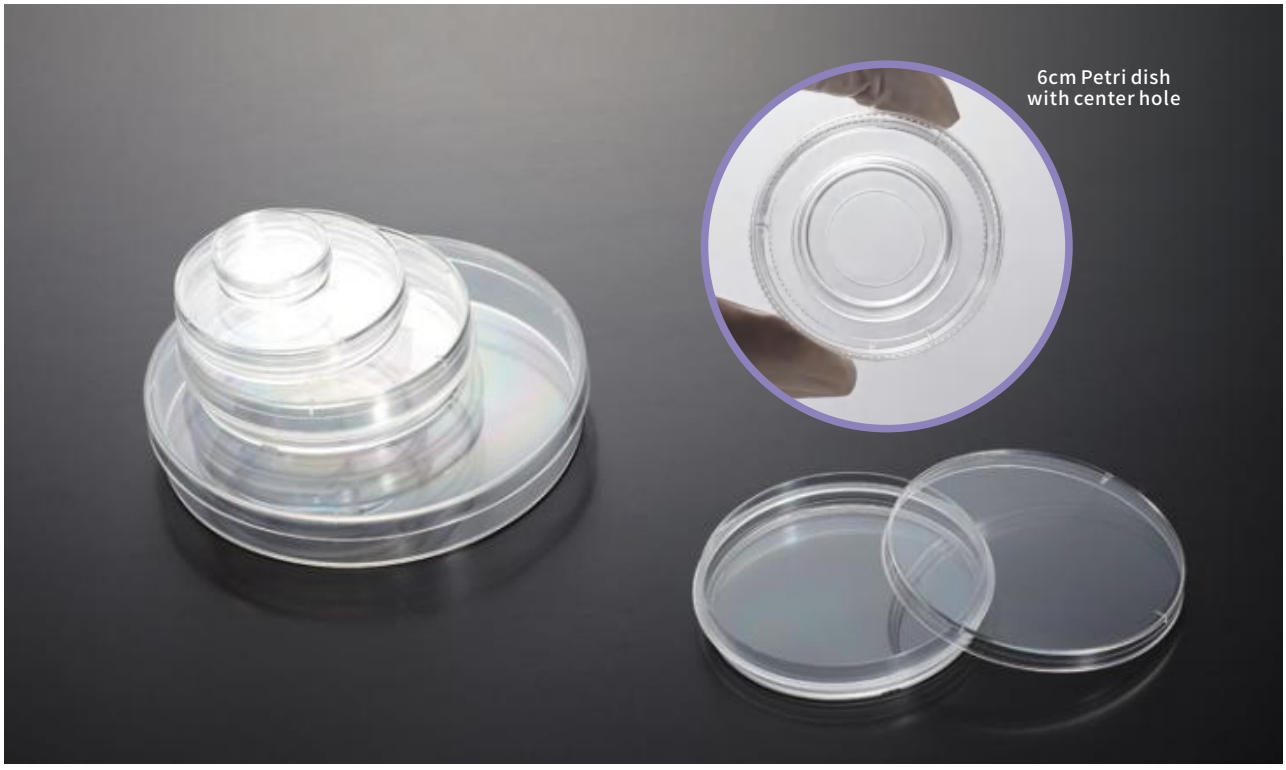
The well bottom is clear for maximum visibility. Available in assorted colors with clear or black alpha-numeric lettering. Compatible with standard multichannel pipettes.

100% Virgin Polypropylene construction for PCR application.
Specification：96Wwells
Applications：PCR、qPCR/Real-Time PCR
Compatibility: Standard thermal cycling, BioRad qPCR systems, Statagene MX-3000

* 0.3 mL maximum well volume (when used with adhesive or heat seals)
* Films and Foils, Heat Seals and Flat and Domed Cap Strips
* Compatible with 0.2ml thermal cyclers and ABI PRISM 3100, 3130 and 3700 capillary sequencers
* Suitable for 0.2ml thermal cycler blocks
* 100% Virgin Polypropylene construction for PCR application
* Slightly raised well to provide sealing with mats, film, foil, heat seals, and flat and domed cap strips
* Thin and uniform wall thickness for consistent thermal transfer
* DNase/RNase-free & Non-Pyrogenic

Cat. No.	Description	Color	Qty.per (bag/box)/case
PCR300096	PCR Plate 96 Well-Non-skirted, non-sterilized	Natual	10/10
PCR100096	PCR Plate 96 Well-Half-Skirted, non-sterilized	Natual	10/10
PCR200096	PCR Plate 96 Well-Skirted, non-sterilized	Natual	10/10

Petri Dishes

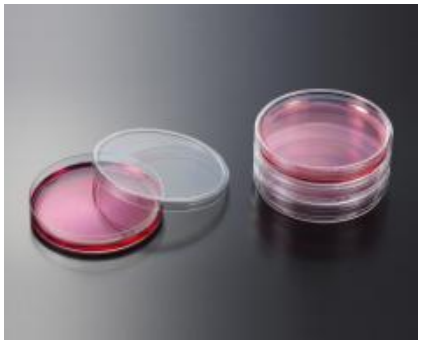


Petri dishes are right containers for bacterial culture, and also useful for sample separation, pre-treatment, storage and so on.

*Available with 5 dish diameters of 3.5cm, 6.0cm, 7.0cm, 9.0cm and 15.0cm.
*Uniform wall thickness ensures distortion-free bottom
*Lids with several chimbs to shape vents are available for very effective gas exchange
*The rim on upper side of the lid mates with the dish brim for easy and secure stack
*Dish surface is smooth and free from striation to maximize usable area for growth
*Sterilized by irradiation
*Non-pyrogenic

Ordering Information:

*Packaged in easy-to-open plastic bags to assure contamination-free.
*Every package case is printed with lot No. for quality tracebility.



Cat. No.	Diameter (cm)	Growth area (cm^2)	Lid	Sterile	Qty.per (bag/box)/case
MCD000035	3.5	8.5	Y	Y	10/960
MCD000060	6.0	21.2	Y	Y	10/600
MCD000070	7.0	36.3	Y	Y	10/600
MCD00090	9.0	58.4	Y	Y	10/500
MCD100150	15	143.0	Y	Y	1/120
MCD100150	15	143.0	Y	Y	5/100

Cat. No.	Diameter (cm)	SAL	Qty.per (bag/box)/case
MCD110090	9.0	10^{-6}	20/500
MCD100090	9.0	10^{-3}	20/500

Serum & Sample Tubes

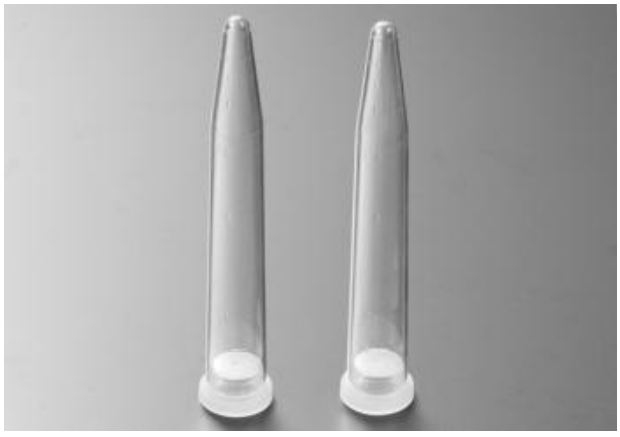


Serum & Sample tubes are ideal processing applications for small volume sample.

*Excellent quality PP tube body and PE cap
*Available with 6 volumes of 0.5, 1.5, 2.0, 5.0, 15.0 and 50ml
*Screw cap with plug seal for one-handed operation
*Easy-to-read graduations are accurate to ±2%
*With a large unerasable frosting white writing area
*Leak-proof
*Self-standing
*Endotoxin-free
*Non-sterilized tubes or sterilized tubes can be selected

Cat. No.	Volume (ml)	Speciality	Sterile	Qty.per (bag/box)/case
SST000005	0.5	Self-standing	N	50/5000
SST000015	1.5	Self-standing	N	50/5000
SST000020	2.0	Self-standing	N	20/5000
SST000050	5.0	Self-standing	N	20/2500
SST000150	15.0	Conical	N	25/500
SST000500	50.0	Self-standing	N	25/500
SST001005	0.5	Self-standing	Y	50/5000
SST001015	1.5	Self-standing	Y	50/5000
SST001020	2.0	Self-standing	Y	20/5000
SST001050	5.0	Self-standing	Y	20/2500
SST001150	15.0	Conical	Y	25/500
SST001500	50.0	Self-standing	Y	25/500

Graduated Urine Centrifuge Tubes



Centrifuge tubes are popular in samples centrifuging or storage in many research area.

* Molded graduations stand out distinctly on these optically clear polystyrene tubes
* Colorless and transparent are perfect for biological reaction experiments
* Meet the requirements of BSE/TSE
* Latex Statement: This product is latex free
* Non-pyrogenic: The acceptance level for product is 0.05 EU/ml.(Tachypleus Amebocyte Lysate (TAL) Clot-gel test)
* Meet the requirements of ROHS
* Leak-proof
* DNase/RNase free

Cat. No.	Capacity (ml)	Maximum RCF	Tube Shape	Tube Color	Cap Shape	Cap Color	Sterlization	Packaging Configuration
CFT418150	15	1500g	Conical-Bottom	Clear	Plug cap	Natural	N	Bulk,1000/CS
CFT419150	15	1500g	Conical-Bottom	Clear	Plug cap	Natural	N	100/Box, 10Boxes/CS, 1000/CS
CFT420150	15	-	-	-	Plug cap	Natural	N	500/Bag, 2Bags/CS, 1000/CS



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