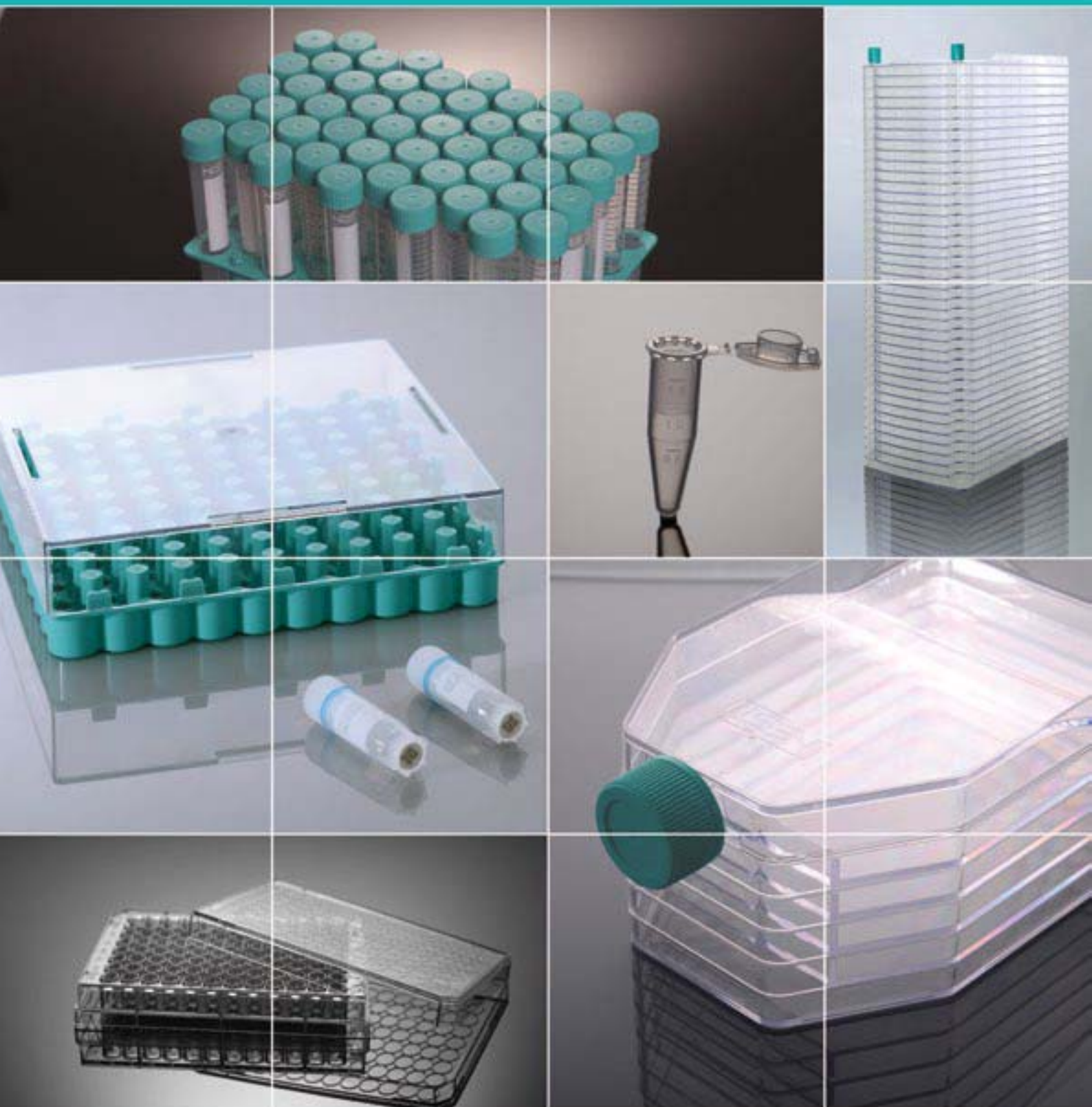


NEST[®] Product Catalogue

Your best choice for laboratory consumables



NEST



• NEST •

Founded in 2009, Wuxi NEST Biotechnology is a worldwide manufacturer of plastic laboratory products. State-of-the-art manufacturing equipment is used on an expansive manufacturing site based in Wuxi, China. Decades of plastic-injection molding experience allows us to maintain the highest quality and performance standards expected by the hospitals, research institutions and industrial/clinical laboratories that we serve. NEST offers a large variety of cell- and tissue-culture treated products, qPCR and PCR consumables, and general lab supplies.

website:



wechat:



• Brand

NEST has launched over 200 plastic consumable products for cell culture, molecular biology, immunoassays, liquid handling and storage. With strictly controlled ISO 8 clean rooms, exacting manufacturing standards, and rigid QA procedures, the NEST brand enjoys an excellent reputation nationwide and abroad. NEST products have been exported to North America, Europe, Japan, Korea, India and other countries.

NEST is committed to innovation. We continue to research and develop new plastic consumables suitable for life sciences research so that we can provide more cost-effective solutions and cutting-edge laboratory consumables for our end-users.

NEST has continually positioned itself as a brand for high end laboratory consumables. NEST's rigid QA management is present at every phase of production, from prototype design, mold manufacturing, raw material sourcing and clean room control to precision injection, production, and after-sale service.

• Quality Assurance

NEST boasts of a high power laminar flow clean room meeting the ISO 8 standard (100,000 grade) with a floor space of 2,000 square meters. These facilities are equipped with a central feeding system, high precision injection machinery from Japan, robot arms with automatic conveyers, hot runner molds, and vacuum plasma and corona treatment machines from Belgium, Germany and USA. Inner room moisture content and temperature are adjustable. In 2013, NEST installed a Rhodotron TT 200 from Belgium IBA, a world leader in the E-Beam sterilization industry. NEST completes a full process chain from the sourcing of the raw materials to the in-house sterilization of the final products ready for delivery to clients.

NEST's manufacturing site has been certified with an ISO 9001:2008 management system. Our sterilization procedures meet the ISO 11137:2006 and ISO 13485 standards. NEST products are also registered with CE and the FDA.

• Contents

1. Cell Culture Products

Cell Culture Plates	• 6
Cell Culture Dishes	• 9
Cell Culture Flasks	• 11
Multi-layer Cell Culture Flasks	• 13
BioFactory™	• 15
Cell Scrapers	• 17
Glass Bottom Cell Culture Dishes/ Plates	• 18
Cover Glasses	• 20
Serological Pipettes	• 21

2. Sample Storage and Handling

15ml&50ml Centrifuge Tubes	• 22
Microcentrifuge Tubes	• 24
Reagent Reservoirs	• 26
Pasteur Pipettes	• 26
Pipette Tips	• 27

3. PCR Products

PCR Tubes, 8 - Strip Tubes	• 29
PCR 96 Well Plates	• 31

4. Bacterial Culture

Petri Dishes	• 34
Inoculating Needles/Loops	• 35

5. Immunoassay

Elisa Plates	• 36
--------------	------

6. Cryogenics

Cryogenic Vials	• 37
Cryogenic Vials, 2D Barcode	• 39

7. Deep Well Plates

	• 41
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8. Analysis and Detection

Cuvettes	• 43
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9. Safety

Nitrile Examination Gloves	• 44
Latex Examination Gloves	• 45



NEST

Cell Culture Plates

Product Features

Nest cell culture plates have round edges for better handling. Low profile, low-evaporation lid design assures uniform growth. Choose tissue culture-treated or nontreated surfaces. Nontreated growth surface is more hydrophobic than tissue culture surface and is similar to the surface of a bacteriological Petri dish. Small feet on the bottom corners of each plate eliminate scraping of the microscope lens.

- Sterilized by E-beam
- High clarity, 100% virgin polystyrene
- Vacuum Plasma tissue culture treatment
- Clear lot number for batch traceability
- Peel-to-open, individually wrapped
- Markings of well coordinates available for 12, 24, 48 96 and 384 well plates
- Non-Pyrogenic, DNase/RNase FREE



• Excellent bottom uniformity



• Special lid design ensures low evaporation



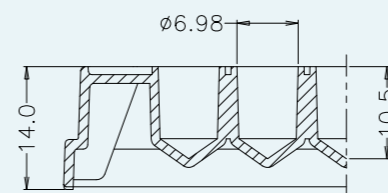
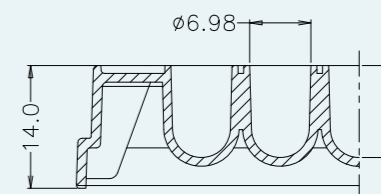
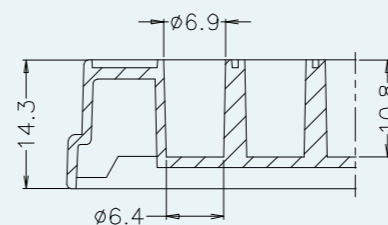
• Frosted and noise-free bottom design for easy grip



• Lot No. for traceability

Tissue Culture Plates For Cell Attachment (TC treated)

	Cat. No.	Type(Well)	Cell Growth Area(cm ²)	Recommended Medium Volume(ml)	Colour	Bottom	Sterile	/Pack	/Case
	703001	6	9.5	3	Clear	Flat	+	1	50
	712001	12	3.6	2	Clear	Flat	+	1	50
	702001	24	1.9	1	Clear	Flat	+	1	50
	748001	48	0.95	0.5	Clear	Flat	+	1	50
	701001	96	0.32	0.1-0.2	Clear	Flat	+	1	100
	701002	96	0.32	0.1-0.2	Clear	Flat	+	10	100
	701101	96	-	0.1-0.2	Clear	U	+	1	100
	701201	96	-	0.1-0.2	Clear	V	+	1	100
	761001	384	0.11	0.025-0.05	Clear	Flat	+	1	100
	761301	384	0.11	0.025-0.05	Black	Flat	+	1	100
	761601	384	0.11	0.025-0.05	White	Flat	+	1	100













unit: mm

- 96 well cell culture plate (F bottom)
- 96 well cell culture plate (U bottom)
- 96 well cell culture plate (V bottom)



● **Non-Treated Cell Culture Plates For Suspension Cells**

- Used for suspension cell culture, non-treated
- Excellent transparency
- Sterilized, non-pyrogenic

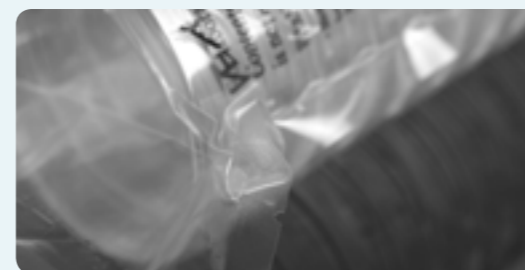
	Cat. No.	Type(well)	Max Well Volume(ml)	Colour	Bottom	Sterile	/Pack	/Case
	703011	6	16.8	Clear	Flat	+	1	50
	712011	12	6.9	Clear	Flat	+	1	50
	702011	24	3.4	Clear	Flat	+	1	50
	748011	48	1.6	Clear	Flat	+	1	50
	701011	96	0.36	Clear	Flat	+	1	100
	701111	96	0.33	Clear	U	+	1	100
	701211	96	0.32	Clear	V	+	1	100
	761011	384	0.11	Clear	Flat	+	1	100
	761311	384	0.11	Black	Flat	+	1	100
	761611	384	0.11	White	Flat	+	1	100



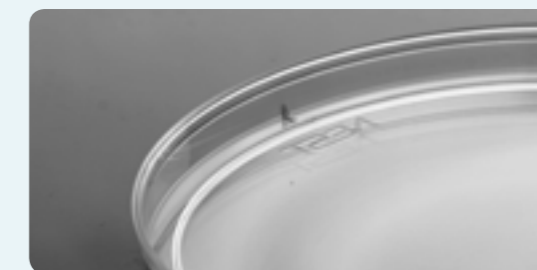
● **Product Features**

Nest cell culture dishes are ideal for all types of culturing where microscopic examination is required. Numeric indicators on the bottom of each plate allow users to identify the location of cells.

- High clarity polystyrene
- Flat transparent surface for distortion-free observation
- Vacuum plasma TC treatment, excellent cell adherence
- Stackable for easy storage and handling
- Sterilized by E-Beam
- Non-pyrogenic



- Easy-tear sterile package



- Vents for gas exchange









- New easy grip rings available for 100mm dishes (Item 704201)



- Stackable for easy storage and handling

● Tissue Culture Dishes For Cell Attachment

	Cat. No.	Type	Height(mm)	Cell Growth Area(cm ²)	Recommended Medium Volume (ml)	Sterile	/Pack	/Case
	706001	35mm	9.0	9	1.8-2.7	+	20	500
	705001	60mm	12.0	21	4.2-6.30	+	20	500
	704004	100mm	17.7	55	11-16.50	+	5	300
	704001	100mm	17.7	55	11-16.50	+	20	300
	704201	100mm	17.7	55	11-16.50	+	20	300
	715001	150mm	23.1	152	30.4-45.6	+	5	100

● Coverslip Preparation Dishes



Nest innovative 32-well preparation dishes allow you to grow 32 groups of cells in a homogenous environment. Each of the 32 wells is cultured in a single dish, but the coverslips where the cells are attached on can be individually isolated and used in subsequent experiments. These dishes will both save time and reagents, and guarantee consistent experimental results.

It can be used for the following experiments and assays:

- Cell staining: including morphological staining, immunocytochemical staining, immunofluorescent staining, confocal laser scanning microscopic observation and TUNEL assay.
- Electron microscopic observation: the coverslip can be easily sectioned.
- DNA and RNA in situ hybridization
- Modified MTT assay.
- Nucleic acid and protein preparation: the cells growing on the spaces between the coverslips can be collected for DNA, RNA and/or protein isolation.

Cat. No.	Type	Description	Cover	Sterile	/Pack	/Case
719011	100mm	Individual packed dish, a tweezer and a user guide	32 Wells, 7.5*0.2mm	+	1	40



● Product Features

Nest cell culture flasks are available in cell growth areas ranging from 25cm² to 225cm². Tissue culture treated or non-treated flasks available with a vent cap or plug seal cap to meet your needs.

- Packaged in sterile, zip-sealable bags
- High clarity, 100% virgin polystyrene
- Frosted writing and clear graduations
- Notched bottom for slip free stacking
- Sterilized by E-Beam
- Vent caps (with breathable .22um membrane)
- Clear lot number for batch traceability
- Non-Pyrogenic, DNase/RNase FREE



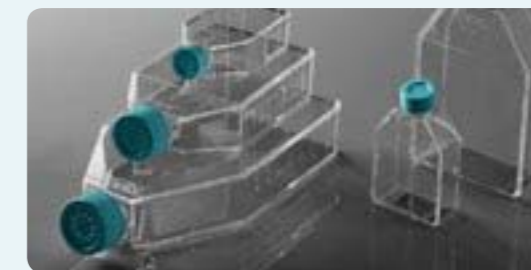
- Vent caps with 0.22 um hydrophobic filters for gas exchange without contamination



- Plug seal caps & vent caps



- Yellow caps for non-treated flasks



- Available at T25/75/175/225 sizes

● TC Treated Tissue Culture Flasks For Cell Attachment

Cat. No.	Cell Growth Area (cm ²)	Volume (ml)	Recommended Medium Volume (ml)	Cap type	Sterile	/Pack	/Case
707001	25	50	5-7.5	Plug seal	+	10	200
708001	75	250	15-22.5	Plug seal	+	5	100
709001	175	650	35-52.5	Plug seal	+	5	40
721001	225	950	45-67.5	Plug seal	+	5	25
707003	25	50	5-7.5	Vent	+	10	200
708003	75	250	15-22.5	Vent	+	5	100
709003	175	750	35-52.5	Vent	+	5	40
721003	225	950	45-67.5	Vent	+	5	25

● Non-treated Tissue Culture Flasks For Suspension Cells

Cat. No.	Cell Growth Area (cm ²)	Volume (ml)	Recommended Medium Volume (ml)	Cap Type	Sterile	/Pack	/Case
707011	25	50	5-7.5	Plug seal	+	10	200
708011	75	250	15-22.5	Plug seal	+	5	100
709011	175	650	35-52.5	Plug seal	+	5	40
721011	225	950	45-67.5	Plug seal	+	5	25
707013	25	50	5-7.5	Vent	+	10	200
708013	75	250	15-22.5	Vent	+	5	100
709013	175	750	35-52.5	Vent	+	5	40
721013	225	950	45-67.5	Vent	+	5	25



● Product Features

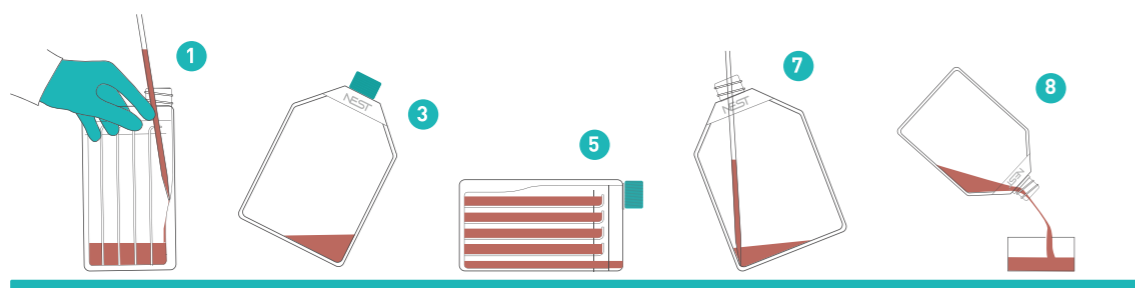
Nest Multi-Layer Flasks provide 870 cm² cell growth surface area. The tissue culture treated NEST Multi-layer Flasks enable you to grow more cells faster and easier, thereby making your cell culture workflow more productive, easier, and in a more convenient manner.

- High clarity medical grade polystyrene material
- High performance with 5 layer growth surfaces
- Growth area: 870cm²
- TC treatment for better cell attachment
- Sterilized by E-Beam, non-pyrogenic
- Both plug seal cap and vent cap are available



Cat.No.	Description	/Pack	/Case
731001	5-layer cell culture flask, straight neck, plug seal cap, TC treated	1	8
731002	5-layer cell culture flask, straight neck, vent cap, TC treated	1	8

● **Culturing Technique**



1. Mix cell suspension with medium: Prepare cell suspension of required concentration in a container and mix. Recommended volume is about 30- 50 mL per layer.
2. Add the mixed liquid into the Multi-layer Flask slowly with serological pipettes. To avoid foams and bubbles, allow liquid stream to flow along the slope of the Multi-layer Flask. (Save a little liquid in pipette for each dosing .)
Tips: A 10 mL pipette allows media to be dispensed at the bottom of the vessel. A 25 mL pipette allows media to be dispensed just past the NEST Logo.
3. Hold the Multi-layer Flask upright with the Logo facing you and tilt clockwise to a 45° angle on a flat work surface to partition the liquid into each layer.
4. While holding the Multi-layer Flask at a 45° angle, gently lay it flat onto the work surface with logo facing up.
5. After placing the Multi-layer Flask flat on a work surface, gently rock back and forth and side-to-side to distribute cells evenly onto culture surfaces.
Tips: Take care to avoid foaming of medium, and not to spill liquid from each layer.
6. Repeat Step 3 to put the flask quickly and slightly into the incubator . Then, lay it flat as shown in Step 4. You may choose to either aspirate or pour the media from Multi-layer Flask.
7. Aspirating method : To aspirate or remove media, tilt Multi-layer Flask, with the NEST Logo facing you, counter-clock wise to a 45° angle while inverting the Multi-Flask toward you. Then, tilt Multi-layer Flask to the right, continuing to aspirate all residual media.
8. Pouring method :With Logo facing you, pour spent media from Multi-layer Flask
Tips: Aspirate media using a NEST 2mL or 10mL aspirating pipette.
9. Wash with buffer for one time and add dissociating reagent (≥5 mL per layer). Then, follow Steps 3-4 to distribute to dissociating reagent to each layer.
10. Neutralize with inactivating solution and mix following Steps 3-4. Gently swirl to dislodge cells completely.
11. Follow Step 7 “Aspirating Method” protocol and collect cell suspension using a NEST 10mL serological pipet .
12. Follow Step 8 “Pouring Method”. Pour de-tached cell suspension into a NEST conical tube.
13. Rinse with additional wash buffer as needed.

Search "NEST Multi-layer Flask" video on NEST website and Youtube.



NEST
BioFactory™

● **Product Features**

Nest BioFactory™ Systems are compact, multi-layer, single-use cell culture systems designed for easy scale-up cell culture applications, such as production of vaccines, monoclonal antibodies or pharmaceuticals. Versatile, easy-to-use systems for medium to large scale research or commercial production reduce contamination risk. Narrow mouth caps available for tubing solutions.

- Available in 1, 2, 5, 10 and 40 trays versions, and the growth area is 640 cm²-25295 cm².
- Save valuable space: each 10 chamber BioFactory™ is equivalent to 36 of T175 flasks in terms of grow area.
- Achieve fast startup -no accessories required with NEST BioFactory™ .
- Promote a uniform culturing environment from chamber to chamber through the equal distribution of medium.
- The BioFactory™ has the same growth kinetics as laboratory-scale cell culture product.
- Large opening design for easy pouring and aseptic filling
- Sterilized by E-Beam, non-pyrogenic

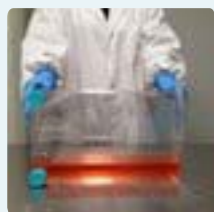


Cat.No.	Description	Mouth Type	Growth Area (cm ²)	Recommended Volume (mL)	/Pack	/Case
771001	BioFactory™ 1 Chamber	Wide	647	200	1	8
771101	BioFactory™ 2 Chambers	Wide	1279	400	1	8
771204	BioFactory™ 5 Chambers	Wide	3175	1000	1	4
771302	BioFactory™ 10 Chambers	Wide	6335	2000	1	6
772001	BioFactory™ 1 Chamber	Narrow	647	200	1	8
772101	BioFactory™ 2 Chambers	Narrow	1279	400	1	8
772204	BioFactory™ 5 Chamber	Narrow	3175	1000	1	4
772302	BioFactory™ 10 Chambers	Narrow	6335	2000	1	6
772403	BioFactory™ 40 Chambers	Narrow	25295	8000	1	2

● Guidelines For Use



1. Pour the media directly into the BioFactory™ system.



2. Equilibrate by placing the BioFactory™ system on the side with the small port.



3. Turn 90° so the filling inlet is in an upward position. The medium will be separated, with equal amounts in each chamber.



4. Carefully tilt the BioFactory™ system to a horizontal incubation position with the filling inlet up.



5. Gently rock back and forth and side-to-side to distribute cells evenly onto culture surfaces. Then put the BioFactory™ quickly and slightly into the incubator.

6. Pour the medium directly into the reservoir after cell culturing.

7. Wash with PBS for one time(follow Steps 2-4) and add dissociating reagent (≥15 mL per chamber). Then, repeat Steps 2-4 to distribute to dissociating reagent to each chamber.

8. After 2 minutes, neutralize with inactivating solution and mix following Steps 2-4. Gently swirl to dislodge cells completely. Then pour de-tached cell suspension into a reservoir.



NEST
Cell Scrapers

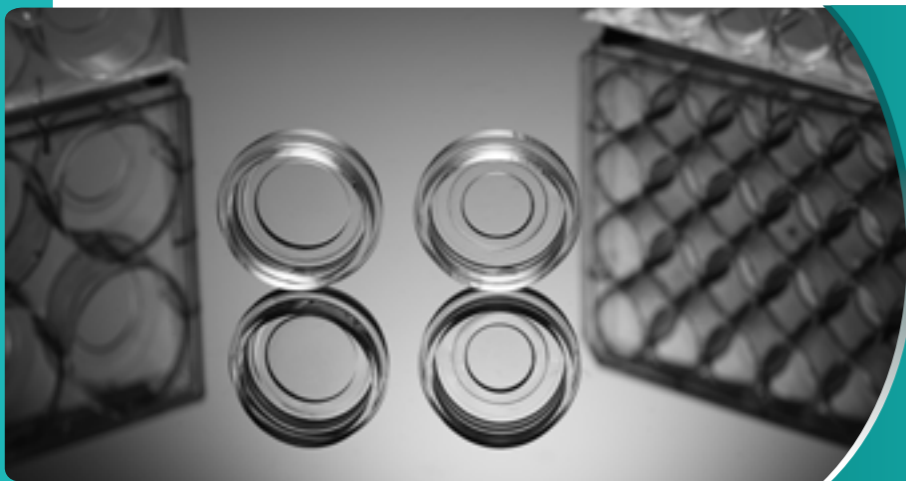
● Product Features

- Free rotating blade, make the blade twist to right direction
- Two sizes are available
- Easy-tear sterile packing
- Sterilized by E-Beam, non-pyrogenic and DNase/RNase free



Cat. No.	Total Length (mm)	Blade Width (mm)	Material	/Pack	/Case
710001	220	13	HIPS/PP	100	500
710011	280	20	HIPS/PP	100	500

Cat. No.	Application
710001	T-25/T-75 Cell culture flask / 60mm Cell culture dish
710011	T-75/T-150/T-175/T-225 Cell culture flask / 100 and 150mm Cell culture dish



NEST

Glass Bottom Cell Culture Dishes & Plates

Product Features

- Used in confocal microscope, high resolution microscope, Differential Interference Contrast Microscope, Polarized Light Microscope and Phase Contrast Microscope for cell observation
- Can be used for live cells observation
- Special bottom design for easy grip
- High quality cover glass of standard thickness No. 1.5 (0.16-0.19 mm)
- Round cover glass insert for good appearance
- Medical adhesive to guarantee non-cytotoxicity



• Clear Alphanumerical codes for well identification

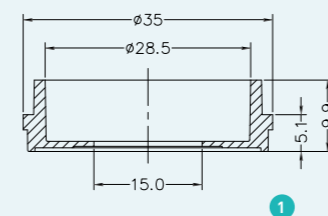


• Round cover glass insert for good appearance

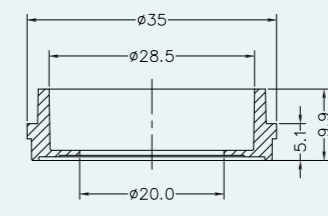
Application Fields

- Cell biology: STEM cell research, cell cycle regulation and research
- Protein chemistry: identify GFP (green fluorescent protein)
- Molecular biology: genetic mapping and complex genetic research
- Biological research under Laser Confocal Microscopy
- Research under dual / multi-photon confocal microscopy
- Research under DIC and SPFM
- High-quality imaging system
- Infrared imaging

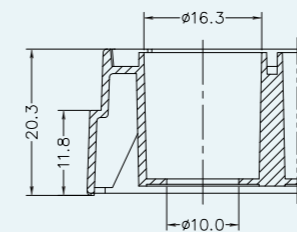
	Cat. No.	Type (mm)	Dimension (mm)	Sterile	/Pack	/Case
	801002	35	15	+	10	200
	801001	35	20	+	10	200
	801004	6	20	+	1	10
	801006	24	10	+	1	10



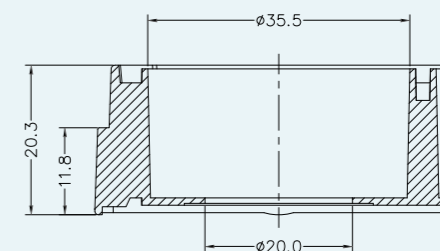
1



2



3



4

unit: mm

- 1 • Φ15 Glass Bottom Cell Culture Dishes
- 2 • Φ20 Glass Bottom Cell Culture Dishes
- 3 • Glass Bottom Cell Culture Plates (24-well)
- 4 • Glass Bottom Cell Culture Plates (6-well)



NEST

Cover Glasses

Product Features

- High quality imported glass, non-cytotoxic
- Thickness: No. 1.5 (0.16-0.19mm)
- Manufactured in 100,000 grade clean room
- Resistance to organic solvent
- Autoclavable by high temperature
- Apply to confocal experiment

Cat. No.	Size(mm)	Application	Sterile	/Pack
801007	15	24 well cell culture plate	+	100
801008	20	12 well cell culture plate	+	100
801009	25	6 well cell culture plate	+	100

Tips

If the cover glass needs to be sterilized after long storage, please refer to the following autoclave condition: 180°C , 2 hours, dry-heating

Coating

It is suggested that the cover glass be coated with the following reagents: polylysine, collagen, ECM or reagents with LN, fibronectin and protein polysaccharide to improve the cell adherence.



NEST

Serological Pipettes

Product Features

- High clarity polystyrene
- Used in tissue culture and bacterial culture experiments
- One-piece construction, individually wrapped
- Edged color-coded band for identification
- Negative graduations for extra volume
- Sterilized by E-beam radiation, non-pyrogenic, non-cytotoxic, non-haemolytic
- DNase/RNase free
- Bonded polyolefin fiber filter to reduce contamination



Cat. No.	Size (ml)	Length(mm)	Color	/Box	/Case
324001	1	280	Yellow	500	3000
325001	2	280	Green	400	2400
326001	5	340	Blue	300	1800
327001	10	339	Orange	200	1200
328001	25	308.5	Red	200	800
329001	50	343.5	Purple	50	200



NEST

15/50 ml Centrifuge Tubes

Product Features

- Printed Graduations (with marking area)
- Polypropylene for the tube and polyethylene for the cap
- High centrifugal strength up to 12,000 x g
- Flat markable cap with leakproof seal
- One-hand operation design for the caps provides easy handling
- Sterilized by E-Beam
- DNase, RNase and pyrogen free



Centrifuge Tubes, USP VI Grade

- Meet the requirements of bio-analytical level, biological and physical properties
- Consistent with a high strength non-toxic materials
- Comply with FDA USP VI requirements

Cat. No.	Volume (ml)	Max.RCF(xg)	Packaging	Sterile	/Pack	/Case
601001	15ml	10000	PS rack	+	50	500
601002	15ml	10000	Bulk	+	50	500
602001	50ml	12000	PS rack	+	25	500
602002	50ml	12000	Bulk	+	25	500



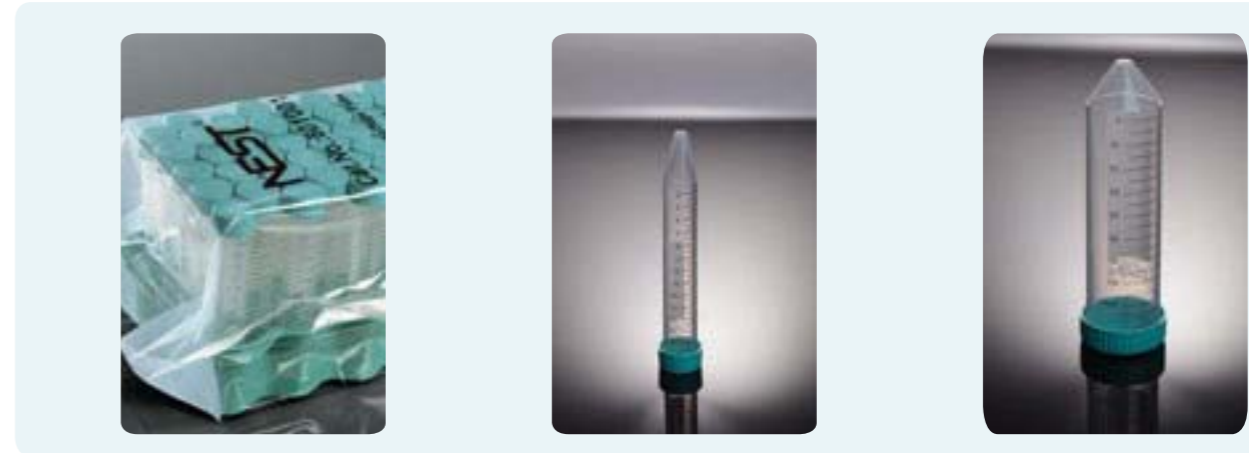
Centrifuge Tubes, Standard

- Made from virgin polypropylene, to meet the general requirements of the laboratory

Self-Standing Centrifuge Tubes

- Made from virgin polypropylene, V bottom, skirted and self-standing

Cat. No.	Volume(ml)	Max.RCF(xg)	Packaging	Sterile	/Pack	/Case
601051	15ml	10000	PS rack	+	50	500
601052	15ml	10000	Bulk	+	50	500
602051	50ml	12000	PS rack	+	25	500
602052	50ml	12000	Bulk	+	25	500
602072	50ml (Self-Standing)	5000	Bulk	+	25	500



Centrifuge Tube Racks

- Made from virgin polypropylene to meet the general requirements of the laboratory



Cat. No.	Volume (ml)	Description	/Pack	/Case
610001	15ml	Individually wrapped	1	50
610101	50ml	Individually wrapped	1	50



NEST

Microcentrifuge Tubes

Product Features

- USP VI grade polypropylene material, free from heavy metal
- RCF: 30000 x g
- Endotoxin level: <0.1EU
- Special safelock cap design provides secure lid sealing
- Clear graduations and frosted marking area
- Easy opening and closing
- Autoclave at 121°C /15 psi for 10-15 minutes with drying
- Temperature range: -80°C to +121°C
- DNase/RNase free
- Also available as pre-sterilized, packed as 50/bag



- Special safelock cap design provides secure lid sealing









- Smooth bottom



- Clear graduations



- Frosted marking area

Cat. No.	Volume(ml)	Material	Color	Bottom	Sterile	/Pack	/Case
 605001	0.6	PP	Clear	Conical	—	1,000	10,000
 615001	1.5	PP	Clear	Conical	—	500	5,000
 620011	2.0	PP	Clear	Round	—	500	5,000
 605601	0.6	PP	Clear	Conical	+	50	7,500
 615601	1.5	PP	Clear	Conical	+	50	4,000
 620611	2.0	PP	Clear	Round	+	50	4,000



Micro Tube Boxes

- 10* 10 configuration for 0.6ml tubes
- 8* 8 configuration for 1.5/2.0ml tubes
- Clear polycarbonate cover for easy identification
- Solid polypropylene base

Cat. No.	Description	/Pack	/Case
613001	Microtube box, 10* 10, for 0.6ml tubes	5	40
613111	Microtube box, 8* 8, for 1.5/2.0ml tubes	5	40

Cell Culture Products
Samples Storage and Handling
PCR Products
Bacterial Culture
Immunoassay
Cryogenics
Deep Well Plates
Analysis And Detection
Safety



NEST

Reagent Reservoirs

Product Features

- V-shape Bottom, used for cell culture and immunoassay experiments
- Reusable, autoclave at 121°C
- For single and multi-channel pipettes
- Special designed lid to prevent contamination
- USP VI PP material
- Clear graduation
- DNase/RNase free, Non-pyrogenic

Cat. No.	Volume(ml)	Sterile	/pack	/Case
360002	60	—	5	25



NEST

Pasteur Pipettes

Product Features

- Medical grade transparent LDPE
- Good fluidity for easy control
- Suitable for drawing, transferring and blending a certain volume of liquid
- Pipette can be angled for use with micro vessels and special-shaped containers
- Good chemical stability
- High precision and drop repeatability
- Transparent with clear graduations for easy observation
- Individually wrapped

Cat. No.	Volume (ml)	Length (mm)	/Pack	/Box	/Case
318012	1	160	1	500	2000
318112	2	150	1	500	2000
318212	3	162	1	500	2000
318314	3	182	1	200	2000



NEST

Pipette Tips

Product Features

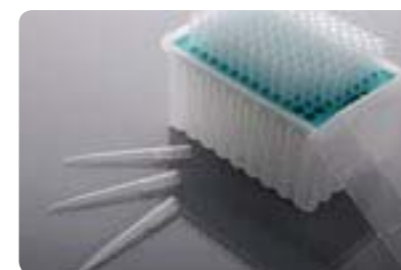
Nest Pipette Tips are ultra-clear and are designed to fit most popular pipettors. Made from 100% polypropylene, these tips ensure accurate sample results during liquid handling. The Nest Pipette Tip line is packaged RNase/DNase, pyrogen free. Choose the right size for your research needs: 10µl, 200µl or 1000µl volumes.



Pipette Tips, Bulk

- Fine point design
- Certified RNase, DNase & pyrogen free
- Universal fit
- Ultra clear polypropylene
- Withstands organic solvents
- Economical zip lock packaging

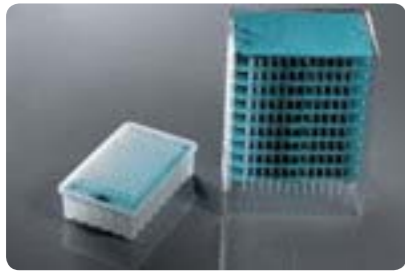
Cat. No.	Type(µl)	Color	Sterile	/Pack	/Case
NPT0010-B-N	10	Clear	-	1,000	20,000
NPT0200-B-Y	200	Yellow	-	1,000	20,000
NPT1000-B-B	1000	Blue	-	1,000	5,000



Pipette Tips, Boxes

- Fine point design
- Certified RNase, DNase & pyrogen free
- Universal fit
- Ultra clear polypropylene
- Withstands organic solvents

Cat. No.	Type(µl)	Color	Sterile	/Pack	/Case
NPT0010-9-NS	10	Clear	+	96	4,800
NPT0200-9-YS	200	Yellow	+	96	4,800
NPT1000-1-BS	1000	Blue	+	96	4,800



● Pipette Tips, Stack Racks

- Certified RNase, DNase, human DNA, pyrogen-free
- Fine-point design for lowest sample adhesion
- Ultra-clear polymer withstands organic solvents and provides clear, error-free pipetting
- Gamma-irradiated sterile and graduated
- Universal-fit for most single and multichannel pipettors

Cat. No.	Type(ul)	Color	Sterile	/Pack	/Case
NPT0010-E-N	10	Clear	+	960	9,600
NPT0200-E-Y	200	Yellow	+	960	9,600
NPT1000-E-B	1000	Blue	+	960	4,800



● Filter Tips

- Certified RNase, DNase, Human DNA, pyrogen-free
- Fine-point design for lowest sample adhesion
- Ultra-clear polymer withstands organic solvents and provides clear, error-free pipetting
- Box versions are sterilized by gamma-irradiation
- Universal-fit for most single and multichannel pipettors

Cat. No.	Type(ul)	Pack	Color	Sterile	/Pack	/Case
NFT0010-B-N	10	Bulk	Clear	-	1,000	10,000
NFT0010-R-NS	10	Box	Clear	+	96	4,800
NFT0020-B-N	20	Bulk	Clear	-	1,000	10,000
NFT0020-R-NS	20	Box	Clear	+	96	4,800
NFT0200-B-N	200	Bulk	Clear	-	1,000	10,000
NFT0200-R-NS	200	Box	Clear	+	96	4,800
NFT1000-B-N	1000	Bulk	Clear	-	1,000	5,000
NFT1000-R-NS	1000	Box	Clear	+	96	4,800



● Product Features

- Made from USP grade VI polypropylene
- Compatible with most thermal cyclers and real-time PCR instrument
- Extra-thin walls provide the optimal thermal transfer and shorter cycle times
- Easy open leak proof cap makes the loss of reaction less than 0.2%

Cat. No.	Volume(ml)	Cap type	Color	/Pack	/Case
401001	0.2	Flat	Clear	1,000	10,000

● Product Features

- NEST has both clear and white 0.2 ml PCR tubes, which respectively apply to the general PCR and qPCR reactions .
- Same colored 0.1 ml low profile PCR tubes can be applied to the same usage.
- 15.4mm low profile tubes are designed to minimize the condensate contamination, particularly for the overnight experiment .
- 0.1 ml low profile PCR tubes can also reduce the evaporation of the reaction solution and increase the real-time PCR fluorescent signal strength.



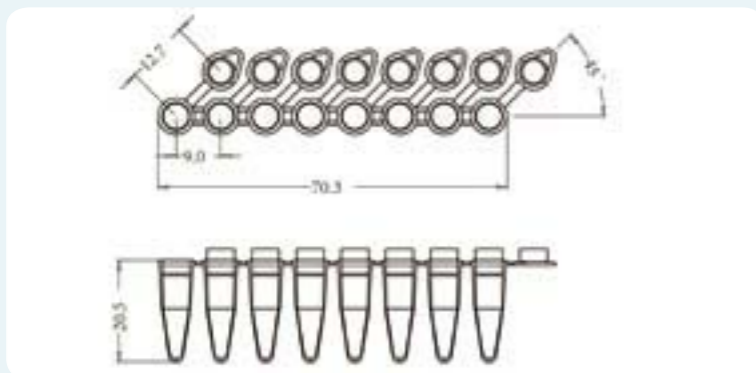
Cat. No.	Volume(ml)	Specification	Color	/Pack	/Case
403101	0.1	Low profile	Clear	120	1200
403001	0.2	High profile	Clear	120	1200
403111	0.1	Low profile	White	120	1200
403011	0.2	High profile	White	120	1200

● PCR 8-Strip Tube with Flat Caps

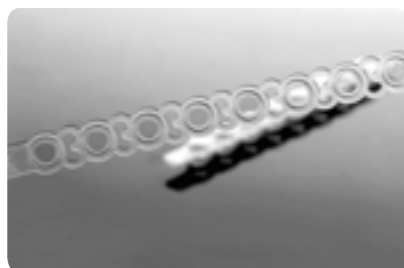


- Eight individually capped thin wall tubes
- Caps are attached at an angle to prevent cap lids and hinges from interfering with each other
- Tight sealing though easy to open
- Flat, optically clear caps
- Extra-thin walls provide optimal thermal transfer and short cycle times
- Supplied in zip lock resealable bags

Cat. No.	Volume(ml)	Specification	Color	/Pack	/Case
404001	0.2	High profile, with flat cap	Clear	120	1200



● PCR 8-Strip Tube Caps



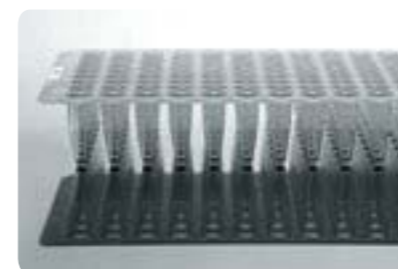
- Apply to NEST PCR 8-strip tubes or PCR 96 well plate
- Domed and flat caps are available
- Reliable tight sealing
- Flat cap is ideal for qPCR

Cat. No.	Volume(ml)	Specification	Color	/Pack	/Case
406011	-	Flat	Clear	120	1200
406111	-	Domed	Clear	120	1200



● Product Features

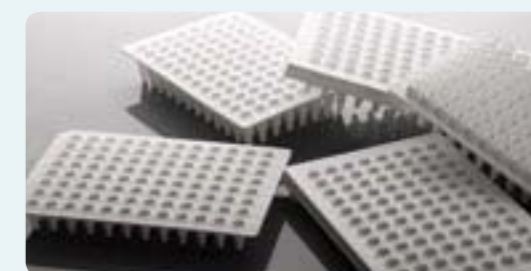
- High quality Polypropylene material promotes low protein absorption and the loss of liquid
- White plates are ideal for qPCR

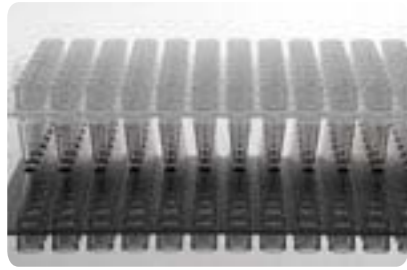


● PCR Plate, no skirt

- Plate without skirt can be cut to any desired format.
- The height of low profile plate is lowered by 5.1mm; this design minimizes the residual volume and the liquid evaporation.

Cat. No.	Volume(ml)	Specification	Color	/Pack	/Case
402101	0.1	No skirt, low profile	Clear	25	100
402001	0.2	No skirt, high profile	Clear	25	100
402111	0.1	No skirt, low profile	White	25	100
402011	0.2	No skirt, high profile	White	25	100





● PCR Plate, no skirt, elevated wells

- Elevated wells plates are designed to reduce the risk of cross-contamination

Cat. No.	Volume(ml)	Specification	Color	/Pack	/Case
402201	0.2	No skirt,elevated wells	Clear	25	100
402211	0.2	No skirt,elevated wells	White	25	100



● PCR Plate, semi skirt

- Both high profile and low profile semi skirt PCR plates are available
- Compatible with most thermal cyclers
- Stronger construction and more space for labeling

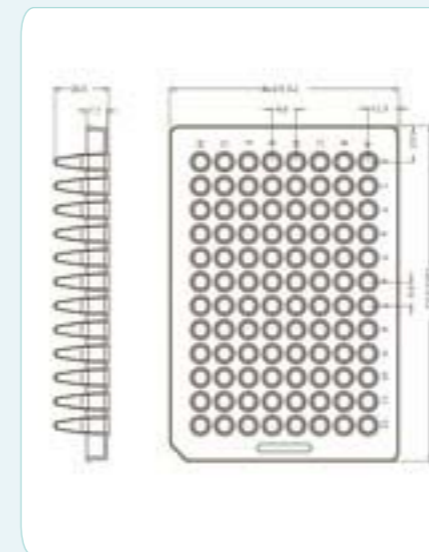
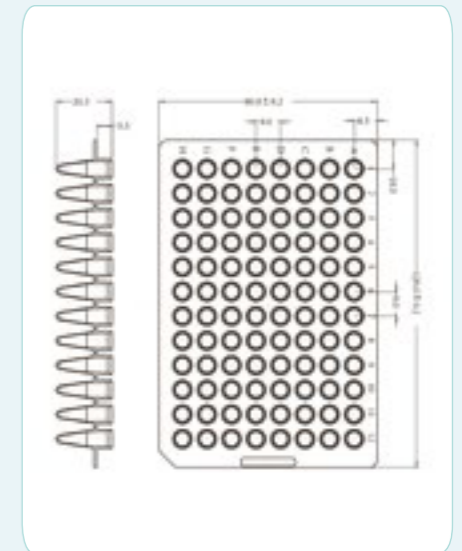
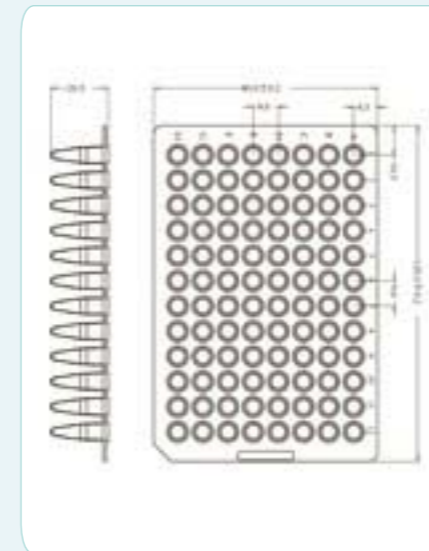
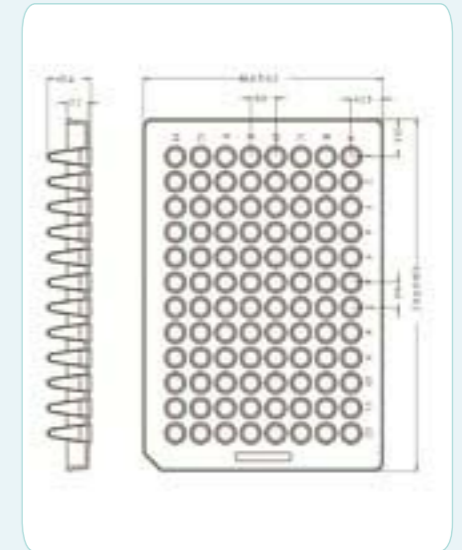
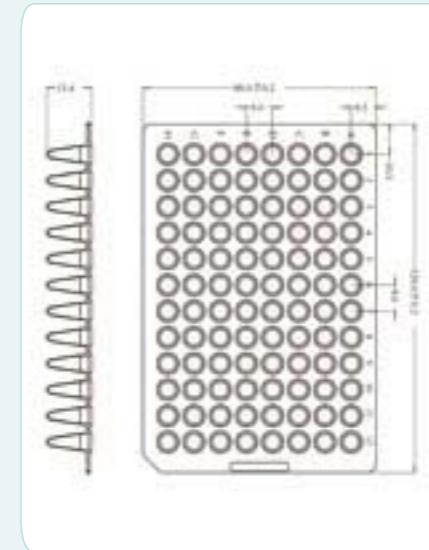
Cat. No.	Volume(ml)	Specification	Color	/Pack	/Case
402401	0.1	Semi skirt,low profile	Clear	25	100
402301	0.2	Semi skirt,high profile	Clear	25	100
402411	0.1	Semi skirt,low profile	White	25	100
402311	0.2	Semi skirt,high profile	White	25	100



● PCR Rack

- Fit for 0.2ml tubes and strip tubes and 96 well plates
- Easily stackable to save space
- Transparent Polycarbonate lid for well identification
- Polypropylene rack can be steam sterilized

Cat. No.	Specification	/Pack	/Case
407001	PCR tube rack, 8*12, one rack /one lid	1	25
407101	PCR tube rack, 8*12, five racks/ one lid	5	25



● PCR Plates Products Diagram

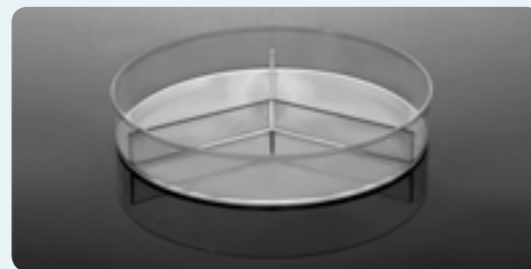
- | | |
|-----------------|-----------------|
| • 402101/402111 | • 402401/402411 |
| • 402001/402011 | • 402201/402211 |
| • 402301/402311 | |



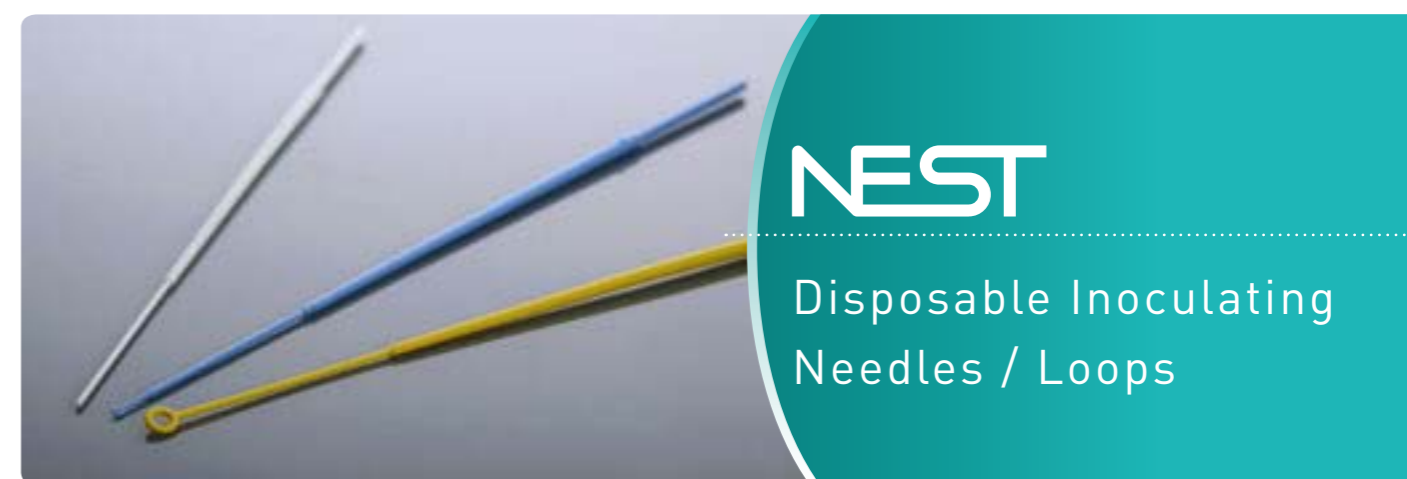
Product Features

Non-treated polystyrene dishes are transparent and DNase/RNase-Free. The bottom has a ridge allowing for easy handling and stacking. The plate has three vents for gas exchange.

- High clarity polystyrene
- Flat transparent surface
- PA/PE packaging
- Stackable for easy storage and handling
- Sterilized by E-Beam
- Non-pyrogenic



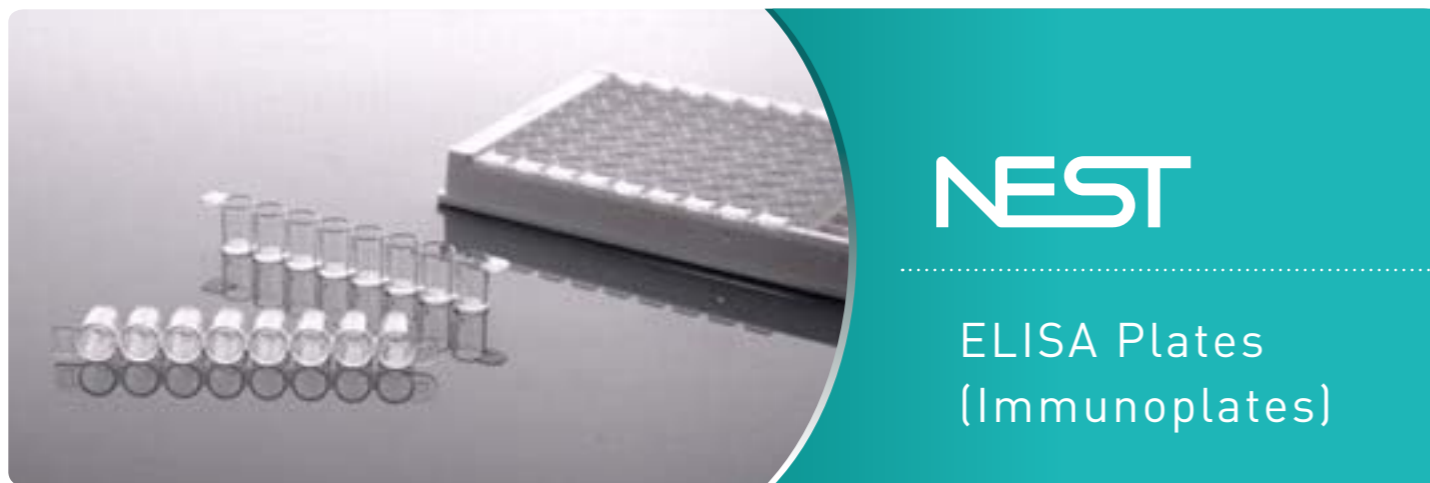
Cat. No.	Description	Height(mm)	Volume (ml)	Sterile	/Pack	/Case
752001	90mm	15	40	+	20	500
752011	90mm, 2 compartments	15	20	+	20	500
752021	90mm, 3 compartments	15	12	+	20	500
752031	90mm, 4 compartments	15	10	+	20	500
752002	90mm, Double bag package	15	40	+	20	500



Product Features

- Polypropylene material, hydrophilic
- Different colors for easier identification
- Flexible handles for easier collection and inoculation
- Sterilized by Ethylene Oxide
- Easy-tear individual packaging

Cat. No	Volume(ul)	Color	Length(mm)	/Pack	/Case
716001	-	White	225	400	4,000
717101	1	Blue	225	400	4,000
718201	10	Yellow	225	400	4,000

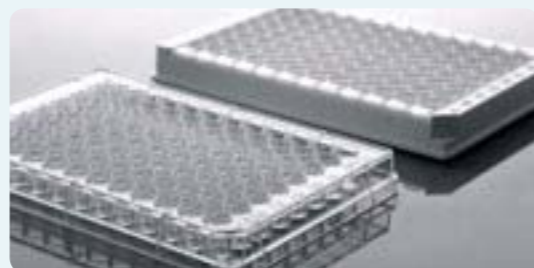


NEST

ELISA Plates
(Immunoplates)

Product Features

- Designed for ELISA method
 - Medical grade polystyrene
 - Conform to SBS/ ANSI
 - Both detachable and undetectable plates are available
 - Flat and transparent well bottom
 - High binding (protein binding:300-400 ng/cm²)
 - Medium binding (protein binding:200-300 ng/cm²)
- Undetachable ELISA Plate**
- Uniform thickness and stripe well size, flat bottom , CV <5%
- Detachable ELISA Plate**
- Clear alphanumeric codes for better test flexibility and identification
 - Special designed stripe-holder for eliminating the change of disorientation
 - Designed for easy handling and automation
 - 1*8 stripes design for easy readouts
 - Excellent well uniformity, CV <5%



Cat. No.	Description	/Pack	/Case
505201	12×F8, Detachable, high binding, clear	5	50
515201	F96, Undetachable, high binding, clear	5	50
514201	F96, Undetachable, medium binding, clear	5	50



NEST

Cryogenic Vials

Product Features

- USP VI Polypropylene
- Autoclavable at 121°C /15 lb
- Thick wall makes vial almost unbreakable
- Clear graduations and white marking area
- Closures and tubes are both made of polypropylene having the same coefficient of expansion, which further enhances the leakproof qualities of these vials at various temperatures.
- Round bottom / Very easy to empty contents completely
- Sterilized by E-Beam
- Non-pyrogenic, DNase/RNase free, human DNA free



Nest Colored Inserts

- 6 colored cap inserts for easy identification

Cat. No.	Color	/Pack	/Case
611001	White	100	1,000
611002	Red	100	1,000
611003	Yellow	100	1,000
611004	Blue	100	1,000
611005	Green	100	1,000
611006	Purple	100	1,000



● External Thread Cryogenic Vials

- Used for the storage in gas-phase liquid nitrogen
- Special screw cap designed without silicone washer to avoid the chronic toxicity cells

Cat. No.	Volume(ml)	Description	Sterile	/Pack	/Case
618001	0.5	External, round bottom, self-standing	+	50	2,000
606001	1.2	External, round bottom, self-standing	+	50	2,000
607001	2.0	External, round bottom, self-standing	+	50	2,000
608001	4.0	External, round bottom, self-standing	+	50	1,000
609001	5.0	External, round bottom, self-standing	+	50	1,000



● Internal Thread Cryogenic Vials

- Used for storage in the gas phase of liquid nitrogen
- Special screw cap designed with silicone O-ring for a secure seal
- Many sizes available as self-standing with universal locking base

Cat. No.	Volume(ml)	Description	Sterile	/Pack	/Case
618101	0.5	Internal, round bottom, self-standing	+	50	2,000
606101	1.2	Internal, round bottom, self-standing	+	50	2,000
607101	2.0	Internal, round bottom, self-standing	+	50	2,000
608101	4.0	Internal, round bottom, self-standing	+	50	1,000
609101	5.0	Internal, round bottom, self-standing	+	50	1,000



NEST

Cryogenic Vials
2D Barcode

● Product Features

NEST 2D barcoded cryogenic vials are designed for cryogenic storage of biological specimens at temperatures as low as -196°C. The range features outstanding leak resistance with a compression ring moulded into the screw cap. The tubes are available in 0.5ml, 1.2ml or 2.0 ml volumes with an internally or externally threaded cap. Each tube is permanently marked with a unique 2D barcode, ensuring that tubes are easily and accurately identified when being moved, shipped or even accidentally dropped.

- Permanently attached, laser 2D barcode on the bottom of each tube allows scan and decode at once without removing from rack
- 100% quality control guarantees that each code is unique and readable
- Solid, one-piece construction ensures that no labels fall off, which enables sample storage down to cryogenic temperatures

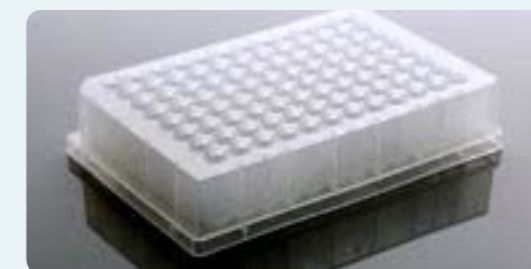


Cat. No.	Volume(ml)	Description	Sterile	/Pack	/Case
618041	0.5	2D Barcode, External, Round bottom, Self-standing, Bulk	+	50	2,000
606041	1.2	2D Barcode, External, Round bottom, Self-standing, Bulk	+	50	2,000
607041	2.0	2D Barcode, External, Round bottom, Self-standing, Bulk	+	50	2,000
618141	0.5	2D Barcode, Internal, Round bottom, Self-standing, Bulk	+	50	2,000
606141	1.2	2D Barcode, Internal, Round bottom, Self-standing, Bulk	+	50	2,000
607141	2.0	2D Barcode, Internal, Round bottom, Self-standing, Bulk	+	50	2,000
618052	0.5	2D Barcode, External, Round bottom, Self-standing, Racked	+	100	1,000
606052	1.2	2D Barcode, External, Round bottom, Self-standing, Racked	+	100	1,000
607052	2.0	2D Barcode, External, Round bottom, Self-standing, Racked	+	100	1,000
618152	0.5	2D Barcode, Internal, Round bottom, Self-standing, Racked	+	100	1,000
606152	1.2	2D Barcode, Internal, Round bottom, Self-standing, Racked	+	100	1,000
607152	2.0	2D Barcode, Internal, Round bottom, Self-standing, Racked	+	100	1,000



Product Features

- USP VI Polypropylene material;
- High chemical stability;
- Autoclavable multi-channel pipette and automatic equipment
- Conical bottom design to minimize residual volume
- Clear alphanumeric codes for easy identification
- Conform to SBS/ ANSI
- Stackable, reliable tight sealing
- Non-pyrogenic, DNase/RNase free
- Both E-beam sterilized and non-sterilized deep well plates are available



Cryo Boxes

- 10x10 configuration for 1.2/2.0/4.0 ml vials
- Temperature range: -196 °C to +70 °C
- Clear polycarbonate cover for easy identification
- Solid polypropylene base
- Alphanumeric grid for easy sample identification
- Each box includes drain holes and air vents in the lid to minimize condensation



Cat. No.	Description	/Pack	/Case
616204	Cryo box , 10* 10, for 0.5 ml vials	1	56
616305	Cryo box , 10* 10 for 1.2 ml vials	1	48
616001	Cryo box , 10* 10, for 2.0 ml vials	1	40
616011	Cryo box ,8* 8, for 1.2/2.0 ml vials	5	40
616111	Cryo box ,8* 8 , for 4.0 ml vials	5	40

Cat. No.	Description	Well Volume (ml)	Bottom	Sterile	/Pack	/Case
501101	96well,round well plate	0.5	V	-	10	50
501601	96well,round well plate	0.5	V	+	10	50
502101	96 well,round well plate	1	V	-	5	50
502601	96 well,round well plate	1	V	+	5	50
503001	96well,square well plate	2	V	-	5	50
503501	96well,square well plate	2	V	+	5	50

Deep well Plate Specifications

Item	96 Deep Well Plates /2000 ul	96 Deep Well Plates /1000 ul	96 Deep Well Plates /500 ul
Number Of Wells	96	96	96
Working Volume (ul)	50-2000	30-1000	30-550
Total Volume (ul)	2400	1200	700
Well Bottom Shape			
Well Shape			
Dimensions (mm) (L x W x H)	127.7 x 85.4 x 44.0	127.7 x 85.4 x 44.0	127.7 x 85.4 x 27.0



Product Features

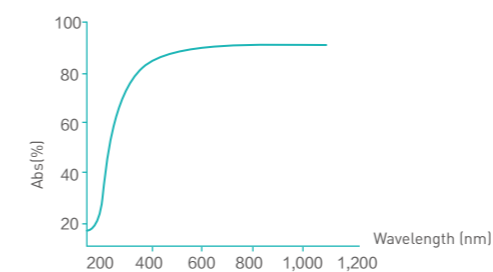
- Single use to avoid cross-contamination; 10mm optical path length; Compatible with most of the spectrophotometers; DNase/RNase free, non-pyrogenic

Standard Cuvette

- Polystyrene material
- Single use to avoid cross-contamination
- Spectral range : 340-900nm

UV Cuvette

- Optical UV-transparent materials
- Good chemical compatibility
- Suitable for most organic solvent, weak acid and weak base
- Single use to avoid cross-contamination
- Spectral range : 220-900nm



- Spectral scanning for UV cuvette. The scan shows the light transmittance of 220-1000nm. 260nm high transmittance precise quantitative nucleic acid.

Cat. No.	Type	Path length (mm)	Spectral field(nm)	/Pack	/Case
370011	Standard	10	340-900	100	1,000
370211	Semi micro	10	340-900	100	1,000
370001	UV standard	10	220-900	100	1,000
370201	UV Semi micro	10	220-900	100	1,000



NEST

Nitrile Examination Gloves



NEST

Latex Examination Gloves

Product Features

- Superior strength with better puncture resistance
- Thinner gauge improves tensile sensitivity
- Easy donning design helps prevent roll back
- Soft, comfortable and natural fit, ambidextrous
- Good heat resistance, abrasion resistance and excellent protection
- Provide an alternative solution for individuals who are allergic to natural rubber latex.
- International standard package
- Thickness: 4 mil



Cat. No.	Thickness [mm]	Color	Size	/Pack	/Case
90014-XL-B	Finger: 0.10 +/- 0.02	Blue	XL	100	1,000
90014-L-B	(Typical value: 0.09 - 0.11)	Blue	L	100	1,000
90014-M-B		Blue	M	100	1,000
90014-S-B	Palm: 0.07 +/- 0.02	Blue	S	100	1,000
90014-XS-B	(Typical value: 0.06 - 0.08)	Blue	XS	100	1,000

Product Features

- High quality natural latex, superior strength
- Protection from unwanted or dangerous substances
- Easy donning design helps prevent roll back
- Soft, comfortable and natural fit, ambidextrous
- Latex glove contains extractable proteins which may cause allergic reactions
- International standard package
- Thickness: 6 mil



Cat. No.	Thickness [mm]	Color	Size	/Pack	/Case
90506-XL-W	Finger: 0.15 +/- 0.02	White	XL	100	1,000
90506-L-W	(Typical value: 0.14 - 0.16)	White	L	100	1,000
90506-M-W		White	M	100	1,000
90506-S-W	Palm: 0.12 +/- 0.02	White	S	100	1,000
90506-XS-W	(Typical value: 0.12 - 0.14)	White	XS	100	1,000



● Certifications



● Equipment



● R & D, QC



● Molds



● Rhodotron E-Beam Sterilization Facility





ISO9001:2008



ISO 13485:2003



Report No.01893



Registration NO. 10035061

NEST[®]

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