



PRODUCT CATALOGUE

FOCUS ON LIFE SCIENCE



Servicebio located at Wuhan Optics Valley Biolake, was founded in 2007 under the name GoodBio, and officially become Servicebio since 2015.

Our business scope mainly involves life science experiments, technical services, reagents, antibodies, instruments, and consumables, etc. We also provide integrated and separate experimental solutions for life science colleges, research institutions, and biomedical companies. Our sales channels basically cover the entire country. The product line is relatively complete, including reagents, consumables, services, testing, and global online sales.

We provide more than 5,000 products and services. Servicebio Consumables Industrial Park is located in Wuhan City and Huangshi City of Hubei Province. Huangshi Base covers an area of 50,000 m², it is equipped with fully automated production line equipment. Combined with the Wuhan base, more than 100 injection molding machines have been put into production, achieving an annual output value of more than 150 million USD.

Servicebio has two 10000-grade aseptic filling production lines, from water preparation, ingredients, sterilization, testing, filling, and packaging to each of other aspects, we strictly abide by the production requirements, to ensure that the products do not contain bacteria, mycoplasma, and other pollutants; We have professional equipment and production team, the quality of the produced cell culture medium is stable, which can meet the growth requirement of most cells. Servicebio has a mature platform for protein expression, purification and freeze-drying, as well as a research and development team composed of high-level doctors and masters.

Each consumable, instrument and reagent developed and produced by Servicebio has been invested in the professional research and development of the R&D team. After strict quality control, it has been tested and used one by one by Servicebio service platform and then promote to the market.

Certificates



Company View



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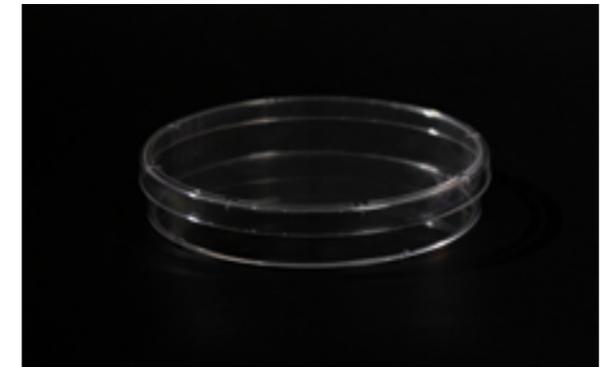
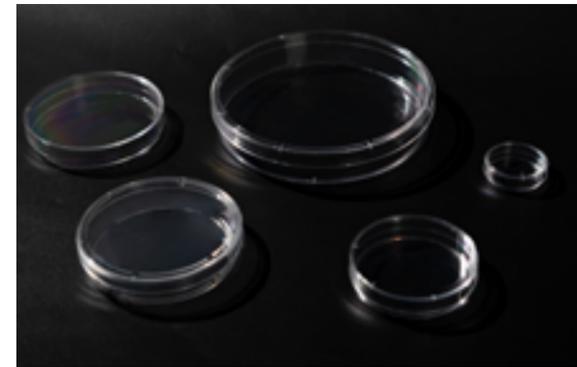
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CELL CULTURE DISH & PETRI DISH

CONSUMABLES

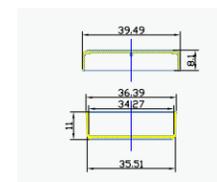
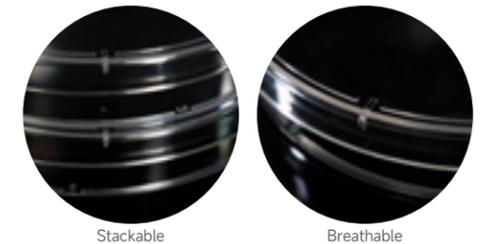
Servicebio consumables Industrial Park is located in Wuhan and Huangshi, Hubei Province. Its positioning integrates polymer materials research and development, precision mold design, development and processing, and fully automated batch consumables production in one! Huangshi base covers an area of 5 hm², it equipped with fully automated production line equipment, and combined with wuhan base, more than 100 injection molding machines have been put into production, which can meet mass production, assist the rapid development of medicine and medical device industry, while realizing the output value of over 150 million USD, and promote biological consumables to the world!



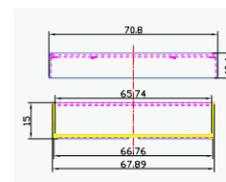
Cell culture dishes and tissue culture dishes are ideal containers for cell growth with yields targeting medium and small input volumes, and are also useful in sample separation, pretreatment, and storage.

>> Product Features

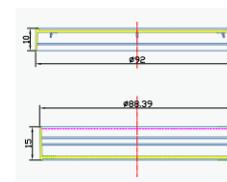
- Material: Polystyrene (PS)
- Bottom: Flat Bottom
- Aseptic Processing: Electron Beam
- Surface Treatment: TC Treatment/Non-TC Treatment
- Cell Culture Dish Spec.: 35 mm, 60 mm, 100 mm, 150 mm
- Petri Dish Spec.: 60 mm, 90 mm
- Certifications: CE, FDA



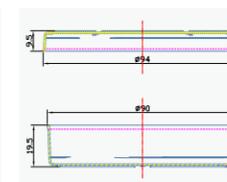
35 mm Cell Culture Dish



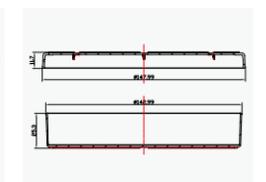
60 mm Cell Culture Dish/Petri Dish



90 mm Petri Dish



100 mm Cell Culture Dish



150 mm Cell Culture Dish

Cell Culture Dish

Cat. No.	Surface Type	Diameter (mm)	Height (mm)	Packaging	
				Pcs/Bag	Bags/Carton
CCD-35	TC-Treated	35	11	20	25
CCD-60		60	15	20	50
CCD-100		100	19.5	20	25
CCD-150		150	25.3	5	25

Petri Dish

Cat. No.	Surface Type	Diameter (mm)	Height (mm)	Packaging	
				Pcs/Bag	Bags/Carton
BPD-60	No TC-Treated	60	11	20	25
BPD-90		90	17	20	25

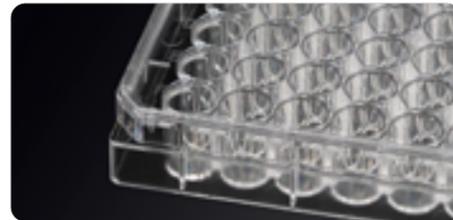
CELL CULTURE PLATE



Servicebio cell culture plates are made of high transparent polystyrene material with 90% light transmission rate. The bottom design is uniform and flat, which makes the observation image clear and undistorted. The plate cover is equipped with a cohesive ring, which can effectively prevent culture fluid contamination or evaporation depletion and reduce edge effect. Each plate is packed with hard plastic, which is not easy to break and better ensure the sterile state, and all of them are treated with strict TC, which is suitable for the culture of attached cells and semi-attached cells.

>> Product Features

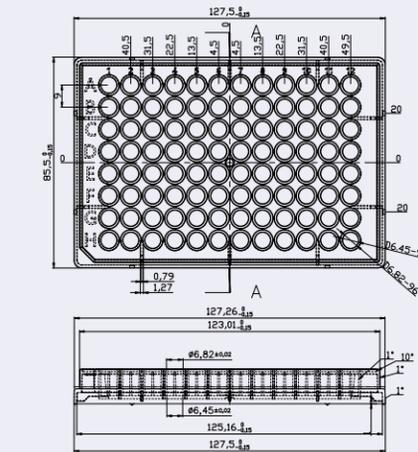
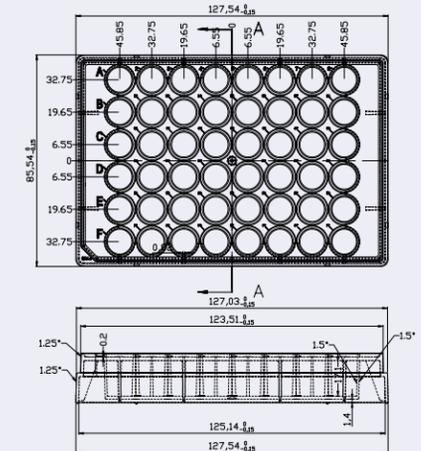
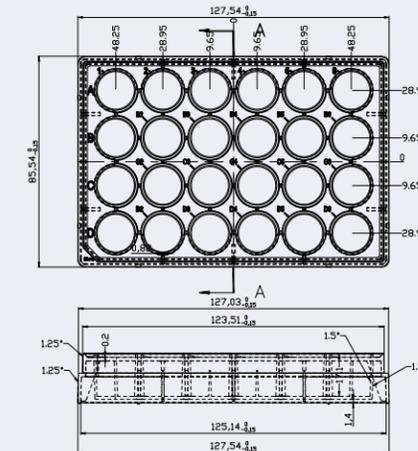
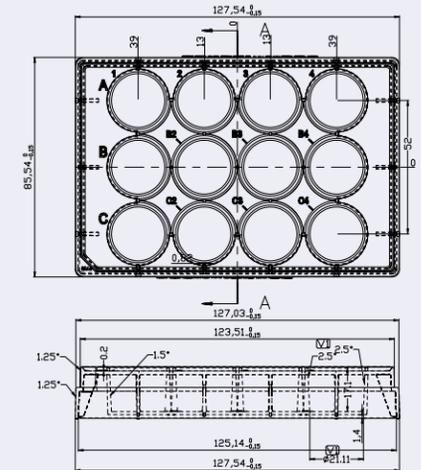
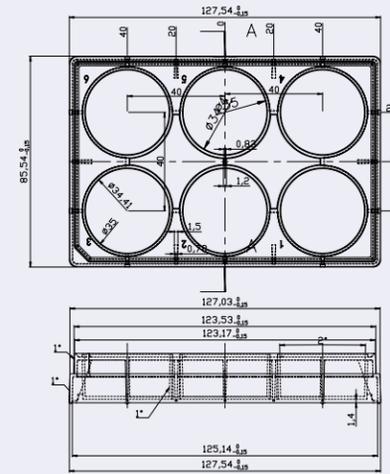
- Material: Polystyrene (PS)
- Bottom: Flat
- Aseptic Processing: Irradiation
- Surface Treatment: TC Treatment
- Available Spec.: 6-well, 12-well, 24-well, 48-well, 96-well
- Packaging: Hard Plastic, Individually Wrapped
- Certifications: CE, FDA



Cut Corner

Cell Culture Plates

Cat. No.	Surface Type	Specification (Well)	Pore Diameter (mm)	Packaging	
				Pcs/Bag	Bags/Carton
CCP-6H	TC-Treated	6	33.6	1	50
CCP-12H		12	26	1	50
CCP-24H		24	19.3	1	50
CCP-48H		48	13.1	1	50
CCP-96H		96	6.45	1	100



CELL CULTURE FLASK

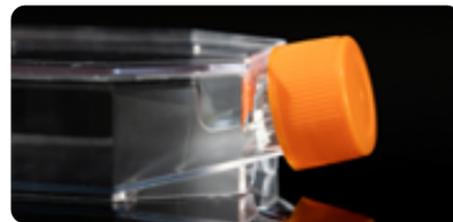
ELISA PLATE



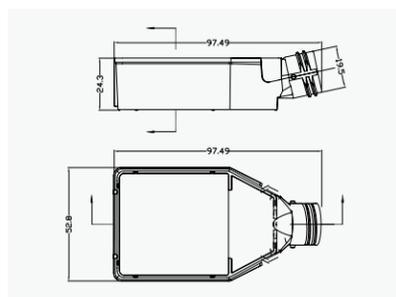
Servicebio disposable cell culture flasks are suitable for tissue culture of medium-sized cells in the laboratory. The unique tilted design of the top half of the bottle is complemented by the tilted angle of the bottle mouth, making it easier to access tools such as serological pipettes and cell scrapers, and the bottle caps are available in sealed or vented versions. It is manufactured with strict irradiation sterilization and TC treatment, and the vacuum-sealed packaging ensures the sterility and characteristics of the product.

>> Product Features

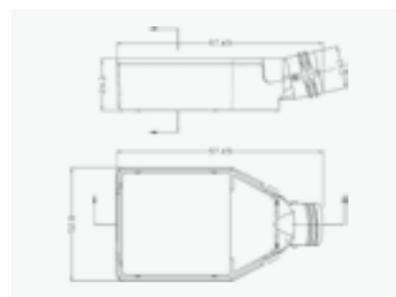
- Material: Polystyrene (PS)
- Cap Types: Sealed, Vented
- Aseptic Processing: Electron Beam
- Surface Treatment: TC Treatment
- Available Spec.: 25 cm², 175 cm²
- Packaging: Vacuum plastic packing



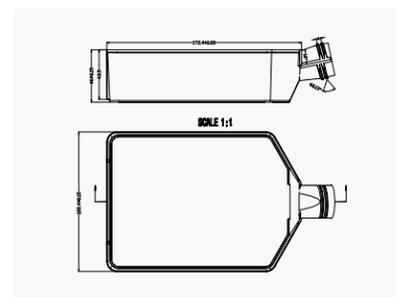
Beveled Bottle Neck



25 cm², Vented



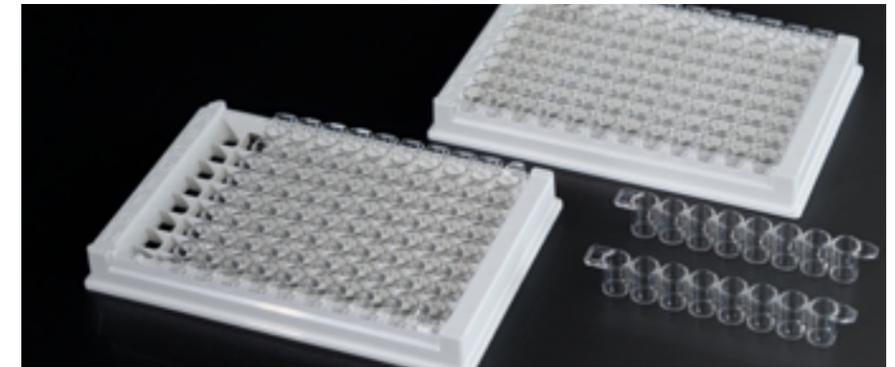
25 cm², Sealed



175 cm², Sealed

Cell Culture Flasks

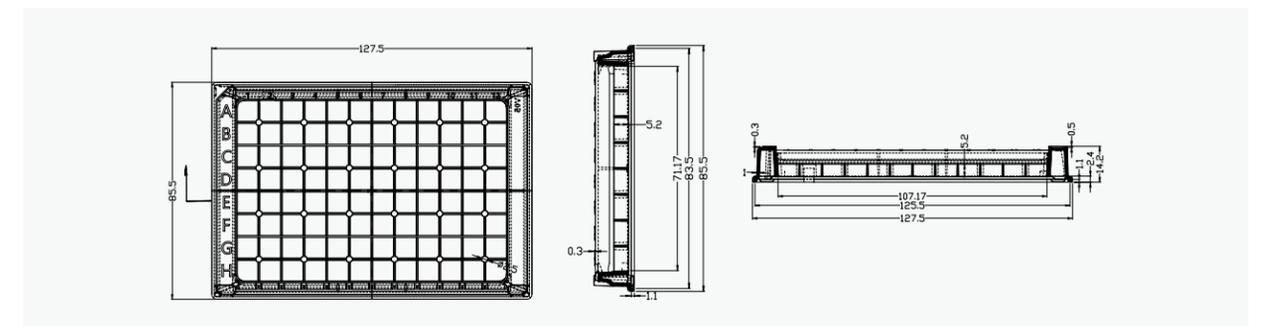
Cat. No.	Surface Type	Diameter (mm)	Height (mm)	Packaging	
				Pcs/Bag	Bags/Carton
CCF-25	TC-treated	Sealed	25	10	20
CCF-175			175	5	6
CCF-25F		Vented	25	10	20



Servicebio ELISA plate surface adopts special treatment process, which can achieve high protein adsorption effect of >600ng/cm², and is widely used in laboratory ELISA. The bottom is uniform and flat, with low refractive index and high light transmission, which is convenient for the enzyme marker to read the signal from the bottom. The plate wells are designed to be removable, 8 wells each strip, 12 strips in total, which is convenient, flexible, and economical.

>> Product Features

- Material: PS (Strips) + ABS (Rack)
- Protein Adsorption Effect: >600 ng/cm²
- Specification: 8-strip, 96-well
- Bottom: Flat
- Aseptic Processing: Electron Beam
- Surface Treatment: Special treatment for high protein adsorption
- Maximum Load Each Well: 300 µL



ELISA Plate

Cat. No.	Surface Type	Specification	Packaging	
			Sets/Box	Boxes/Carton
ESP-96-D	Special Treatment	8-strip, 96-well	10	20

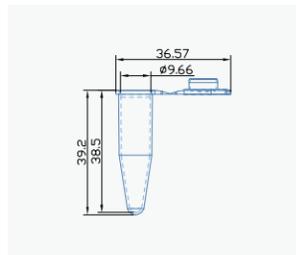
CENTRIFUGE TUBE



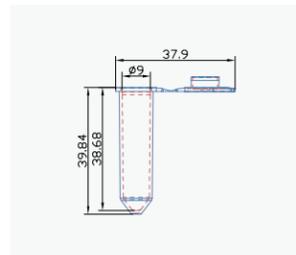
Servicebio centrifuge tube is made of polypropylene PP, a transparent polymer material. It is mainly used for sample storage, transportation and centrifugation.

>> Product Features

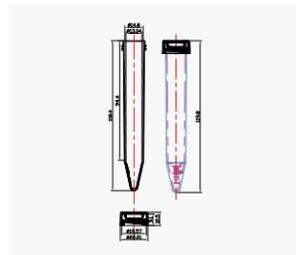
- Material: Polypropylene (PP)
- Temperature Tolerances: -80°C ~121°C
- Specification: 1.5 mL, 2 mL, 15 mL, 50 mL
- Aseptic Processing: Irradiation
- Certification: CE, FDA, UKCA
- Others: Sterile, DNase & RNase Free, Pyrogen-free



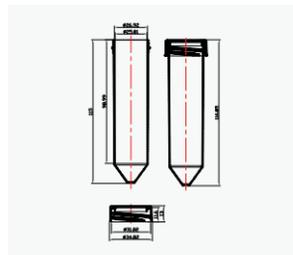
1.5 mL Centrifuge Tube



2 mL Centrifuge Tube



15 mL Centrifuge Tube



50 mL Centrifuge Tube

Centrifuge Tube

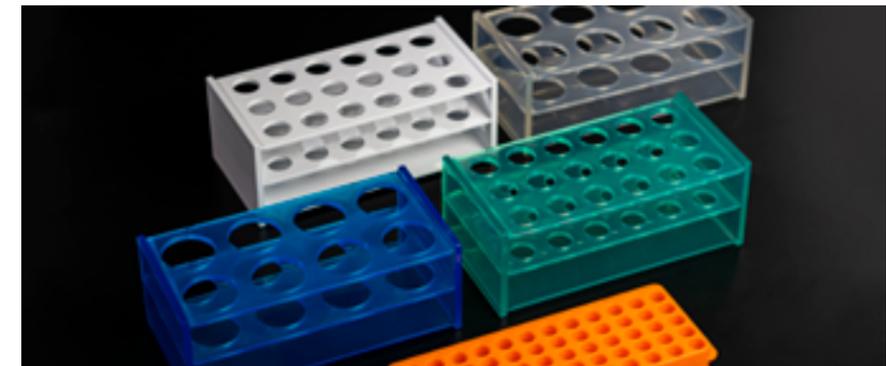
Cat. No.	Volume (mL)	Bottom Type	Max Rotate Speed (g)	Packing Form	Packaging	
					Pcs/Bag	Bags/Carton
EP-150-J	1.5	Conical	18000	Bagged	500	10
EP-200-J	2	Conical	18000		500	10
HM-200-J	2	Conical	18000		500	10
EP-1500-BJ	15	Conical	17500		50	10
EP-5000-BJ	50	Conical	17500		25	20
EP-5010-BJ	50	Round	17500		25	20
EP-5020-BJ	50	Conical, Self-standing	17500		25	20
EP-5030-BJ	50	Round, Self-standing	17500		25	20

Centrifuge Tube

Cat. No.	Volume (mL)	Bottom Type	Max Rotate Speed (g)	Packing Form	Packaging	
					Pcs/Bag	Bags/Carton
EP-1500-J	15	Conical	17500	Foam Base	50	10
EP-5000-J	50	Conical	17500		25	20
EP-5010-J	50	Round	17500		25	20
EP-5020-J	50	Conical, Self-standing	17500		25	20
EP-5030-J	50	Round, Self-standing	17500		25	20

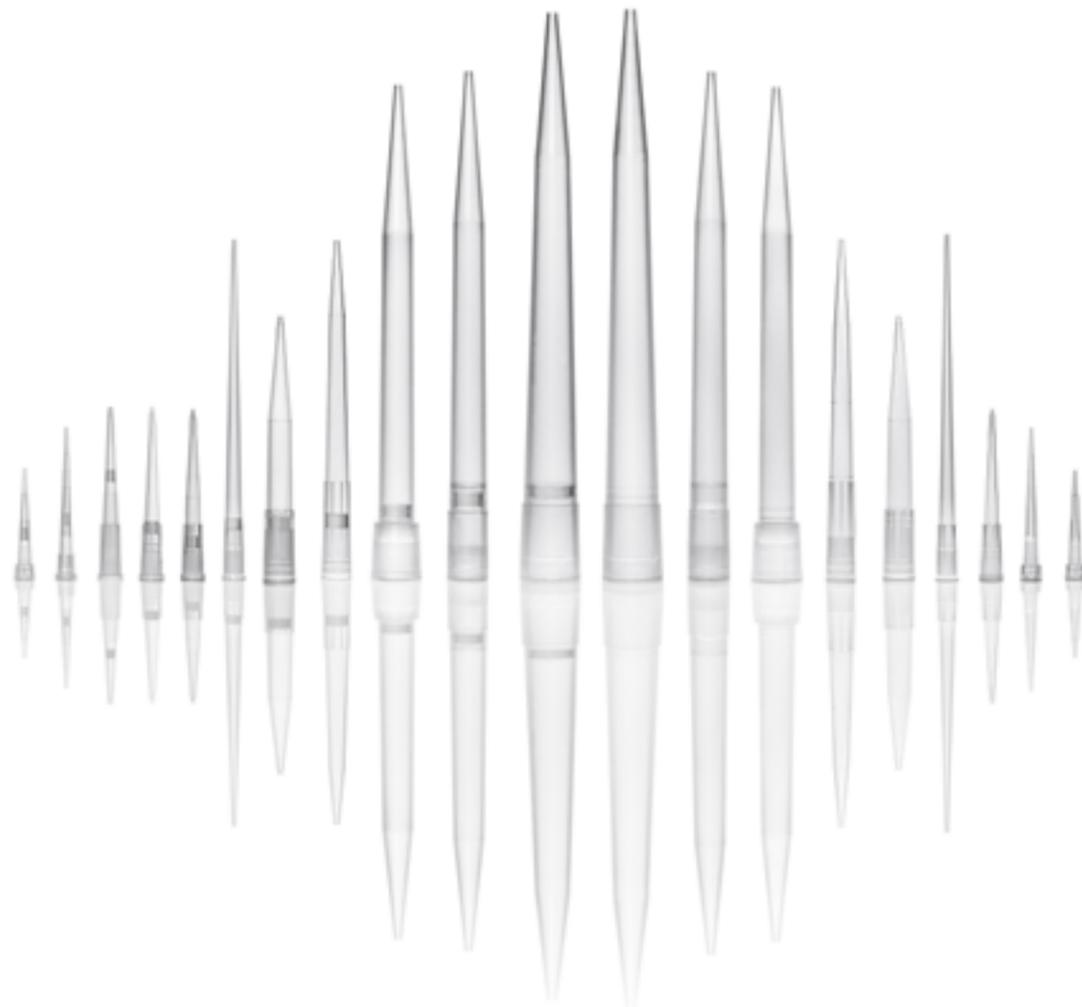
Cat. No.	Volume (mL)	Bottom Type	Max Rotate Speed (g)	Packing Form	Packaging	
					Pcs/Bag	Bags/Carton
EP-1501-J	15	Conical	17500	Individually Wrapped	50	10
EP-5001-J	50	Conical	17500		50	10

Related Products



Centrifuge Tube Rack

PIPETTE TIPS

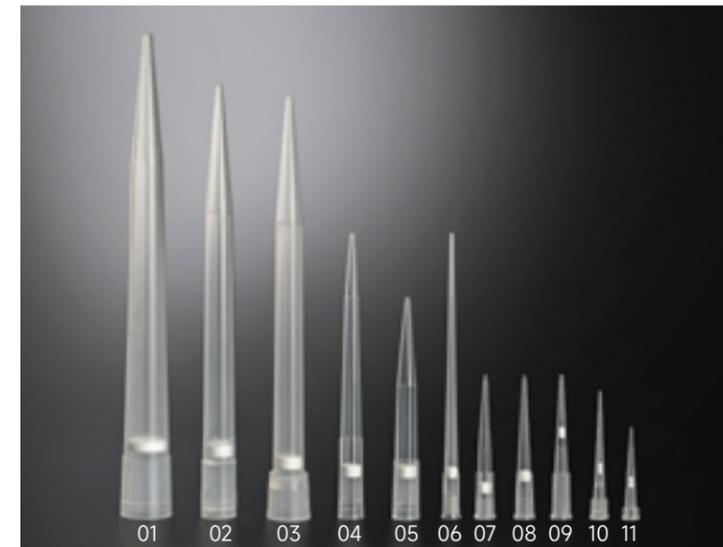


Servicebio pipette tips are made of imported PP material, which is well made without bending and has a special treatment with smooth inner wall. The filters can form an effective protection structure between the pipette and the sample to avoid sample contamination, ensure the safety of sample pipetting and reduce the risk of gas residue in the pipette tip to the operator during the pipetting process.

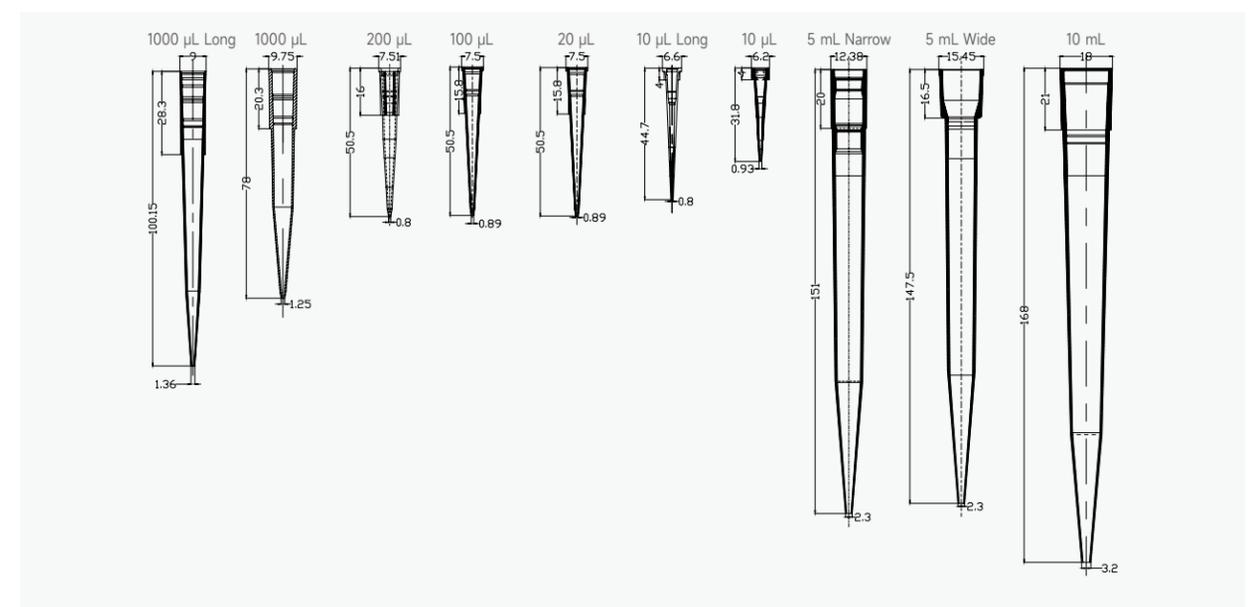
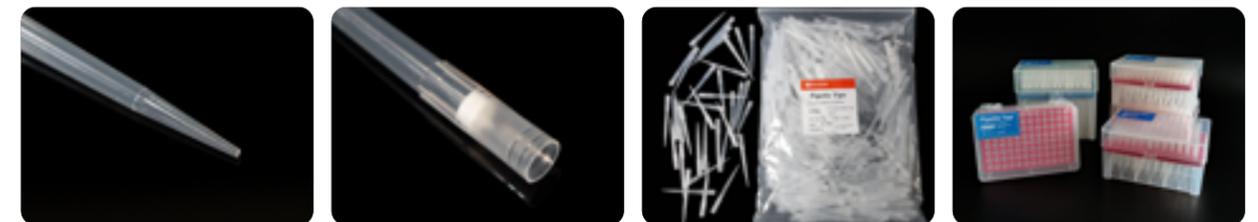
>> Product Features

- Tips Material: Polypropylene (PP)
- Filter Material: Polyethylene (PE)
- Color: Natural
- Specification: 10 μ L, 20 μ L, 100 μ L, 200 μ L, 1000 μ L, 5 mL, 10 mL
- Aseptic Processing: Irradiation
- Adapted Brands: Eppendorf, Thermo, Brand, Gilson, Rainin (Made in China) and Dragon, etc.
- Certification: CE, FDA, UKCA
- Others: Sterile, DNase & RNase Free, Pyrogen-free

FILTER TIPS



- 01) 10 mL
- 02) 5 mL Narrow
- 03) 5 mL Wide
- 04) 1000 μ L Long
- 05) 1000 μ L Short
- 06) 200 μ L Long
- 07) 200 μ L
- 08) 100 μ L
- 09) 20 μ L
- 10) 10 μ L Long
- 11) 10 μ L

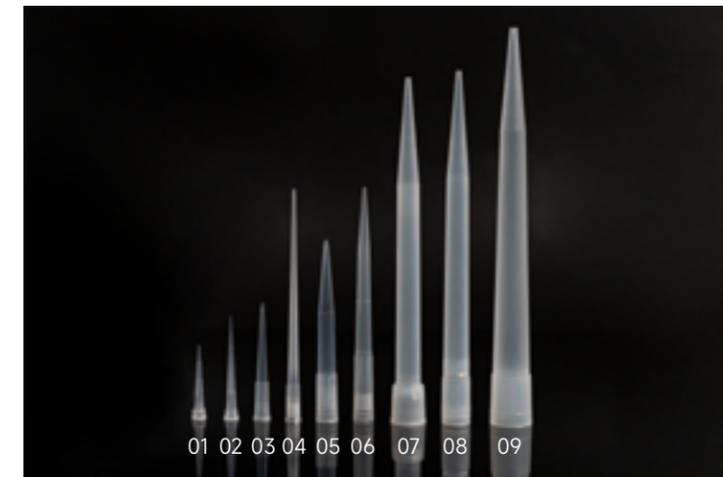


Pipette Tips with Filter

Cat. No.	Capacity	Filter	Packing Form	Packaging	
				Pcs/Bag	Bags/Carton
TP-10-F	10 µL	Y	Bagged	1000	10
TP-10P-F	10 µL Long	Y		1000	10
TP-20-F	20 µL	Y		1000	10
TP-100-F	100 µL	Y		1000	10
TP-200-F	200 µL	Y		1000	20
TP-1000S-F	1000 µL	Y		500	10
TP-1000-F	1000 µL Long	Y		500	10
TP-5000L-F	5 mL Wide	Y		100	20
TP-5000S-F	5 mL Narrow	Y		100	20
TP-10000-F	10 mL	Y		100	10
TP-5001L-F	5 mL Wide	Y	Individually Wrapped	100	10
TP-5001S-F	5 mL Narrow	Y		100	10

Cat. No.	Capacity	Filter	Packing Form	Packaging	
				Pcs/Rack	Racks/Carton
TP-10-C-F	10 µL	Y	Racked	96	100
TP-10P-C-F	10 µL Long	Y		96	100
TP-20-C-F	20 µL	Y		96	100
TP-100-C-F	100 µL	Y		96	100
TP-200-C-F	200 µL	Y		96	100
TP-200P-C-F	200 µL Long	Y		96	50
TP-1000S-C-F	1000 µL	Y		96	50
TP-1000-C-F	1000 µL Long	Y		96	50
TP-5000S-C-F	5 mL Narrow	Y		28	50
TP-5000L-C-F	5 mL Wide	Y		28	50
TP-10000-C-F	10 mL	Y		24	50

NON-FILTER TIPS



- 01) 10 µL
- 02) 10 µL Long
- 03) 20 µL
- 04) 200 µL Long
- 05) 1000 µL Short
- 06) 1000 µL Long
- 07) 5 mL Wide
- 08) 5 mL Narrow
- 09) 10 mL

Pipette Tips without Filter

Cat. No.	Capacity	Filter	Packing Form	Packaging	
				Pcs/Bag	Bags/Carton
TP-10-J	10 µL	N	Bagged	1000	10
TP-10P-J	10 µL Long	N		1000	10
TP-20-J	20 µL	N		1000	10
TP-200-J	200 µL	N		1000	20
TP-200D	200 µL Gel Loading	N		1000	15
TP-1000-J	1000 µL	N		500	10
TP-1250-J	1250 µL	N		500	10
TP-5000S-J	5 mL Narrow	N		100	20
TP-5000L-J	5 mL Wide	N		100	20
TP-10000-J	10 mL	N		100	10
TP-5001S-J	5 mL Narrow	N	Individually Wrapped	100	10
TP-5001L-J	5 mL Wide	N		100	10

Cat. No.	Capacity	Filter	Packing Form	Packaging	
				Pcs/Rack	Racks/Carton
TP-10-C	10 µL	N	Racked	96	100
TP-10P-C	10 µL Long	N		96	100
TP-200-C	200 µL	N		96	100
TP-200P-C	200 µL Long	N		96	50
TP-200D-C	200 µL Gel Loading	N		96	50
TP-1000S-C	1000 µL	N		96	50
TP-1000-C	1000 µL Long	N		96	50
TP-5000L-C	5 mL Wide	N		28	50
TP-5000S-C	5 mL Narrow	N		28	50
TP-10000-C	10 mL	N		24	50

LOW RETENTION PIPETTE TIPS



Imported PP material is adapted for the low retention pipette tips, which guarantees excellent workmanship without bending; The inner wall is smooth after special treatment, which can effectively avoid liquid hanging on the wall, reduce sample loss or save precious reagent. The problem of poor linearity, low response or concentration change caused by adsorption and other reasons has been effectively avoided. Servicebio low retention pipette tips have the following features during experiment: reduce sample residue → improve accuracy and precision → improve sample recovery! (Note: Low retention pipette tips are particularly important in protein and nucleic acid research!)

>> Product Features

- Tips Material: Polypropylene (PP)
- Filter Material: Polyethylene (PE)
- Color: Natural
- Absorption treatment: Low Retention Treatment
- Specification: 10 µL, 20 µL, 100 µL, 200 µL, 1000 µL
- Aseptic Processing: Irradiation
- Adapted Brands: Eppendorf, Thermo, Brand, Gilson, Rainin (Made in China) and Dragon, etc.
- Certification: CE, FDA, UKCA
- Others: Sterile, DNase & RNase Free, Pyrogen-free



Low Retention Pipette Tips with Filter

Cat. No.	Capacity	Filter	Packing Form	Packaging	
				Pcs/Bag	Bags/Carton
TP-10L-F	10 µL	Y	Bagged	1000	10
TP-10PL-F	10 µL Long	Y		1000	10
TP-20L-F	20 µL	Y		1000	20
TP-100L-F	100 µL	Y		1000	20
TP-200L-F	200 µL	Y		1000	20
TP-1000SL-F	1000 µL Long	Y		500	10
TP-1000L-F	1000 µL	Y		500	10

Low Retention Pipette Tips with Filter

Cat. No.	Capacity	Filter	Packing Form	Packaging	
				Pcs/Rack	Racks/Carton
TP-10L-C-F	10 µL	Y	Racked	96	100
TP-10PL-C-F	10 µL Long	Y		96	100
TP-20L-C-F	20 µL	Y		96	100
TP-100L-C-F	100 µL	Y		96	100
TP-200L-C-F	200 µL	Y		96	100
TP-1000SL-C-F	1000 µL	Y		96	50
TP-1000L-C-F	1000 µL Long	Y		96	50

Low Retention Pipette Tips without Filter

Cat. No.	Capacity	Filter	Packing Form	Packaging	
				Pcs/Bag	Bags/Carton
TP-10L-J	10 µL	N	Bagged	1000	10
TP-10PL-J	10 µL Long	N		1000	10
TP-200L-J	200 µL	N		1000	20
TP-1000L-J	1000 µL	N		500	10
TP-1250L-J	1250 µL	N		500	10

Cat. No.	Capacity	Filter	Packing Form	Packaging	
				Pcs/Rack	Racks/Carton
TP-10L-C	10 µL	N	Racked	96	100
TP-10PL-C	10 µL Long	N		96	100
TP-200L-C	200 µL	N		96	100
TP-1000SL-C	1000 µL	N		96	50
TP-1000L-C	1250 µL	N		96	50

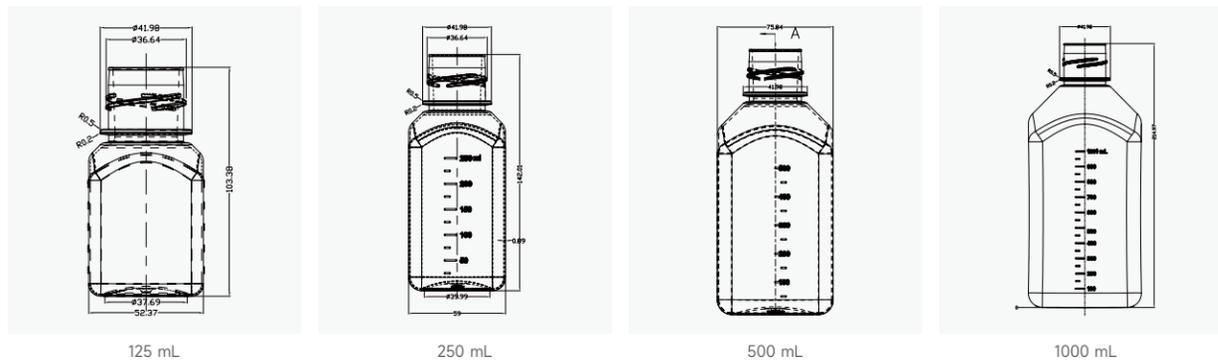
REAGENT BOTTLE



Our reagent bottle is produced in a 100,000 class clean workshop and made of high quality PET material. The bottle has high transparency and excellent workmanship, and can resist many organic reagents, which is suitable for storage or transportation of reagents, etc. It is especially suitable for the production and storage of cell culture medium, cell serum, sterile buffer and other reagents.

>> Product Features

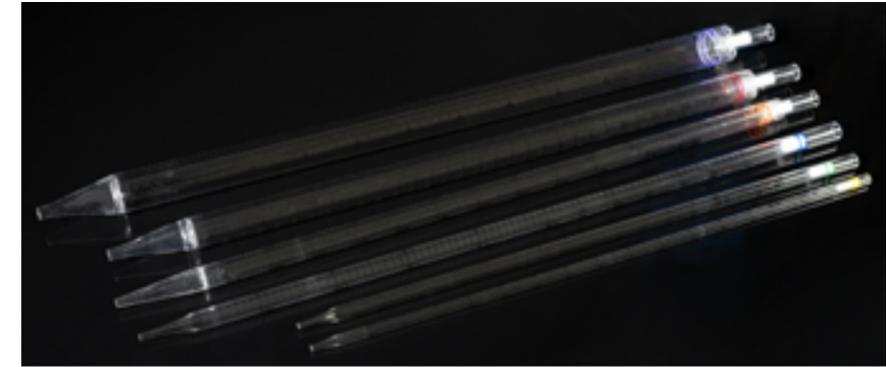
- Material: Polyethylene Terephthalate (PET)
- Available Volumes: 125 mL, 250 mL, 500 mL, 1000 mL
- Inside Diameter of Bottle Mouth: 30.4 mm
- Bottle Cap Design: External Thread Cap
- Aseptic Processing: Irradiation
- Others: DNase & RNase Free, Pyrogen Free (Endotoxin Free)
- Recommended Use Temperature: -80°C to 60°C
- Others: Sterile, DNase & RNase Free, Pyrogen-free



Reagent Bottles

Cat. No.	Capacity (mL)	Dimension (W*L*H) (mm)	Net Weight (g)	Pressure Resistance Value (kg/cm ²)	Packaging (Pcs/ Carton)
PET-125-T-J	125	53*53*105.5	39	4	100
PET-250-T-J	250	59*59*142	50	4	100
PET-500-T-J	500	76*76*174	80	4	50
PET-500-B	500 (Light-proof)	76*76*174	80	4	50
PET-1000-T-J	1000	94*94*215	106	3.5	50

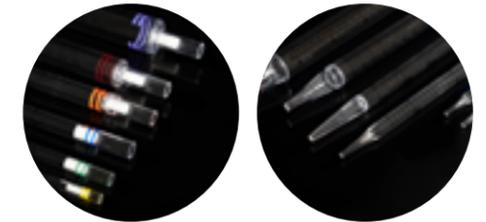
SEROLOGICAL PIPETTE



Servicebio serological pipettes are mainly used to accurately measure or transfer a certain volume of liquid, and are widely used in cell culture, bacteriology, clinical, scientific research and other fields.

>> Product Features

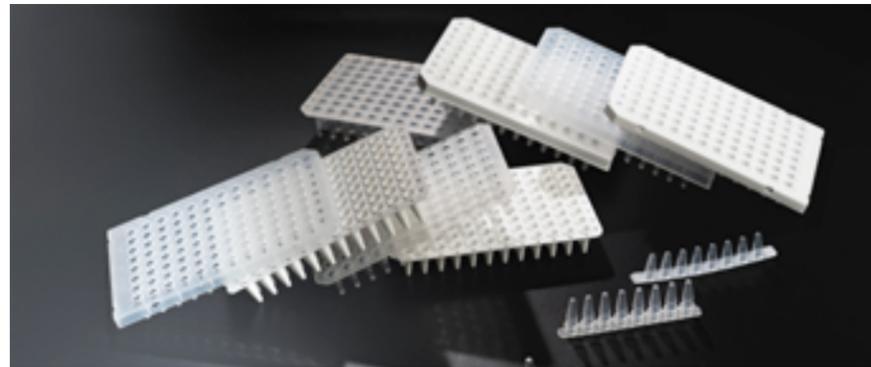
- Pipette Material: Polystyrene (PS)
- Filter Material: Polyethylene (PE)
- Available Volumes: 1 mL, 2 mL, 5 mL, 10 mL, 25 mL, 50 mL
- Capacity deviation rate: <3%
- Packing Form: Individually Wrapped



Serological Pipette

Cat. No.	Capacity (mL)	Color Ring	Sterile	Packaging	
				Pcs/Bag	Bags/Carton
SP-1-SF	1	Yellow	Y	50	20
SP-2-SF	2	Green	Y	50	10
SP-5-SF	5	Blue	Y	50	4
SP-10-SF	10	Orange	Y	50	4
SP-25-SF	25	Red	Y	25	8
SP-50-SF	50	Purple	Y	25	4
SP-100-SF	100	Pink	Y	20	6

PCR SERIES

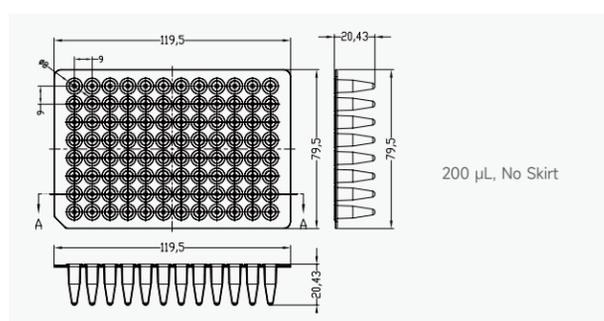
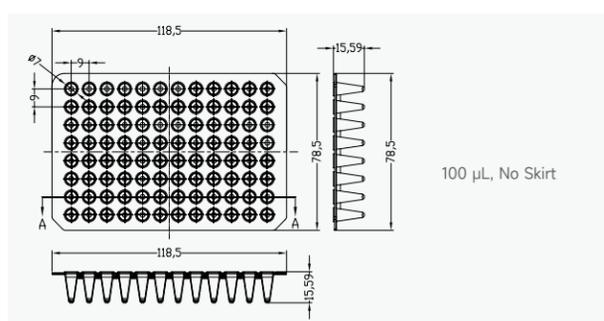
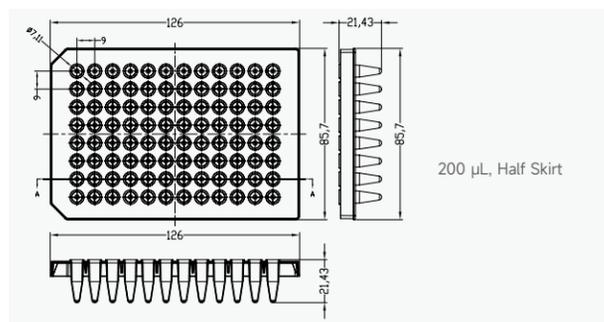
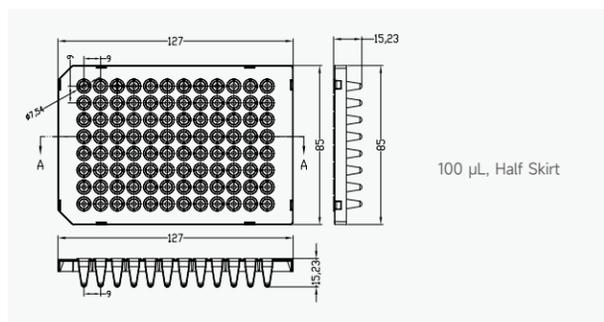
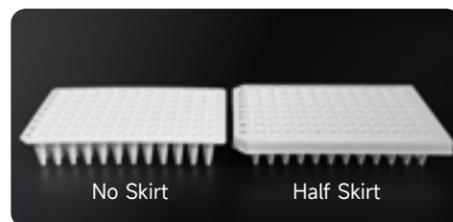


Servicebio PCR plate series products are made of high-quality PP material, it is well-designed, have good concentricity, and have a good tube mouth flatness, so as to ensure no leakage when sealing. The thin tube wall and uniform thickness of the tube body ensure the consistency of product heating. They are widely used in genetics, biochemistry, immunity, medicine, and so on. It is used not only in the basic research of gene isolation, cloning, and nucleic acid sequence analysis but also in the diagnosis of diseases or anywhere there is DNA or RNA.

White PCR plates and 8 tubes are also available. The opaque white reaction plate can improve the sensitivity and consistency of qPCR data by preventing fluorescence refraction of the tube to better cooperate with the qPCR experiment.

>> Product Features

- Pipette Material: PP (polypropylene)
- Available Specs: 96-well, 8-strip tube, single tube
- Aseptic Processing: Irradiation
- Compatible Brands: Various brands of PCR instruments
- Certifications: CE, FDA, UKCA



PCR Plate, 96-well

Cat. No.	Specification (mL)	Color	Pore Diameter (mm)	Dimension (mm)	Packaging	
					Pcs/Box	Boxes/Carton
PCR-9601-NS	0.1	Transparent	5.83	118.5*78.5*15.59	10	10
PCR-9601-HS	0.1		5.35	127*85*15.43	10	10
PCR-9602-NS	0.2		5.3	119.5*79.5*20.43	10	10
PCR-9602-HS	0.2		5.31	126*85.7*21.43	10	10
PCR-9601W-NS	0.1	White	5.83	118.5*78.5*15.59	10	10
PCR-9601W-HS	0.1		5.35	127*85*15.43	10	10
PCR-9602W-NS	0.2		5.3	119.5*79.5*20.43	10	10
PCR-9602W-HS	0.2		5.31	126*85.7*21.43	10	10

PCR 8-strip Tube

Cat. No.	Specification (mL)	Color	Pore Diameter (mm)	Dimension (mm)	Packaging	
					Sets/Box	Boxes/Carton
PCR-0801-FC	0.1	Transparent	5.2	81.3*15	125	10
PCR-0802-FC	0.2	Transparent	5.2	71.15*20.5	125	10
PCR-0801W-FC	0.1	White	5.2	81.3*15	125	10
PCR-0802W-FC	0.2	White	5.2	71.15*20.5	125	10

PCR Tube

Cat. No.	Specification (mL)	Color	Pore Diameter (mm)	Dimension (mm)	Packaging	
					Sets/Box	Boxes/Carton
PCR-02-FC	0.2	Transparent	/	/	1000	10

Related Products



PCR Sealing Film

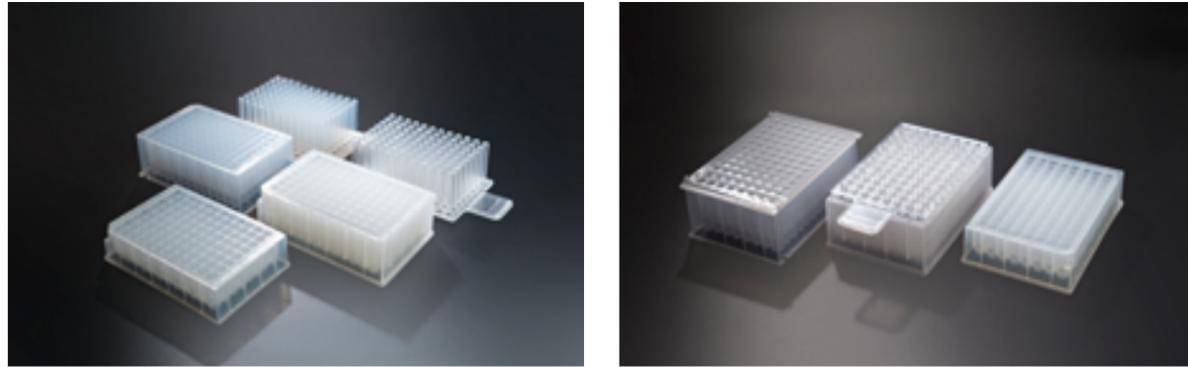
PCR Instrument Compatibility Chart

Brands	Model No.	"PCR-9601-NS (A12, H1, H12) PCR-9601W-NS (A12, H1, H12) (PCR-9601W-NS is white model, the Compatibility is the same as the transparent model)"	"PCR-9602-NS (H1) PCR-9602W-NS (H1) (PCR-9602W-NS is white model, the Compatibility is the same as the transparent model)"	"PCR-9601-HS (A1, H1) PCR-9601W-HS (A1, H1) (PCR-9601W-HS is white model, the Compatibility is the same as the transparent model)"	"PCR-9602-HS (A1, H1) PCR-9602W-HS (A1, H1) (PCR-9602W-HS is white model, the Compatibility is the same as the transparent model)"	"PCR-0801-FC PCR-0801W-FC (PCR-0801W-FC is white model, the Compatibility is the same as the transparent model)"	"PCR-0802-FC PCR-0802W-FC (PCR-0802W-FC is white model, the Compatibility is the same as the transparent model)"	PCR-02-FC
Applied Biosystems	2720		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	9600		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	9700		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	9800Fast	PCR-9601-NS		PCR-9601-HS		PCR-0801-FC		
	Veriti/Fast	PCR-9601-NS	PCR-9602-NS	PCR-9601-HS	PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	7300		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	7500/Fast		PCR-9602-NS	PCR-9601-HS			PCR-0802-FC	PCR-02-FC
	7700		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	7900HT/Fast	PCR-9601-NS	PCR-9602-NS	PCR-9601-HS	PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	StepOne	PCR-9601-NS		PCR-9601-HS		PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	StepOnePlus	PCR-9601-NS		PCR-9601-HS		PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	ProflexPCRSYSTEM		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	QuantStudio 12K		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	ViiA7/Fast	PCR-9601-NS	PCR-9602-NS	PCR-9601-HS	PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	3100		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
3130		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC	
3700		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC	
3730/3730x		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC	
Bio-rad	C1000 Touch		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	DNA Engine Dyad / Dyad Disciple		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Engine Tetrad 2		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	MyCycler		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	PTC-100		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	PTC-200		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	PTC-225 Tetrad		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	S1000		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	T100		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	CFX Connect		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	CFX96 Touch/ CFX96	PCR-9601-NS					PCR-0801-FC	
	Chromo4		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	DNA Engine Opticon 2		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	iCycler		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	iQ 5		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
MiniOpticon		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC	
MyiQ		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC	
Opticon	PCR-9601-NS					PCR-0801-FC		
miniOpticon	PCR-9601-NS					PCR-0801-FC		
Eppendorf	Mastercycler		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler ep realplex		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler ep		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler nexus		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler nexus eco		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler nexus gradient		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler nexus gradient eco		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC

PCR Instrument Compatibility Chart

Brands	Model No.	"PCR-9601-NS (A12, H1, H12) PCR-9601W-NS (A12, H1, H12) (PCR-9601W-NS is white model, the Compatibility is the same as the transparent model)"	"PCR-9602-NS (H1) PCR-9602W-NS (H1) (PCR-9602W-NS is white model, the Compatibility is the same as the transparent model)"	"PCR-9601-HS (A1, H1) PCR-9601W-HS (A1, H1) (PCR-9601W-HS is white model, the Compatibility is the same as the transparent model)"	"PCR-9602-HS (A1, H1) PCR-9602W-HS (A1, H1) (PCR-9602W-HS is white model, the Compatibility is the same as the transparent model)"	"PCR-0801-FC PCR-0801W-FC (PCR-0801W-FC is white model, the Compatibility is the same as the transparent model)"	"PCR-0802-FC PCR-0802W-FC (PCR-0802W-FC is white model, the Compatibility is the same as the transparent model)"	PCR-02-FC
	Mastercycler nexus GSX1		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler nexus GSX1e		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler nexus SX1		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler nexus SX1e		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Mastercycler pro/S		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
Analytik Jena/ Biometra	FlexCycler	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	T1 Thermal Cycler	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	TGradient	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	Tpersonal	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	TProfessional/ Basic	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	TProfessional/ Standard	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	TProfessional/TIRO	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	TRobot	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	Uno	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	Uno II	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	q TOWER		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	SpeedCycler		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
TOptical		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC	
Thermo	Multiblock System	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	T1 Thermal Cycler	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	Omn-E	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	Omnigene	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	PCR Express	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	PCR Sprint							PCR-02-FC
	Px2	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	PxE	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	Touchdown	PCR-9601-NS	PCR-9602-NS		PCR-9602-HS	PCR-0801-FC	PCR-0802-FC	PCR-02-FC
	Cyclogene		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
Flexigene		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC	
Techne	Genius		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Genius Quad		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Genius(TC412)		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Prime		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Prime Elite		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Prime Elite Satellite		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	PrimeG		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Touchgene Gradient(TC512)		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	Touchgene X		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
	PrimeQ		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC
Quantica		PCR-9602-NS		PCR-9602-HS		PCR-0802-FC	PCR-02-FC	
Roche	lightcycler 96	PCR-9601-NS				PCR-0801-FC		
	lightcycler nano	PCR-9601-NS				PCR-0801-FC		

DEEP WELL PLATE & MAGNETIC TIP COMB



Deep well plate with magnetic tip comb is suitable for nucleic acid extraction on designated models of nucleic acid extractor machines. During the nucleic acid extraction experiment, the protective magnetic rod is separated from the liquid to extend the service life of the magnetic rod.

>> Product Features

- The surface height difference is within 0.1 mm to ensure no leakage when sealing;
- Used for sample collection, in vitro chamber culture and long-term storage;
- Made of highly transparent polypropylene (PP) material, resistant to alcohol and other mild organic solvents;
- The protruding design of the square hole, the sealing performance is better after film coating, and it is not easy to leak;
- U-shaped and V-shaped bottom design is suitable for sample mixing and collection;
- Alphabetical sorting and cut corner marks make the preservation and collection of samples more convenient and quick;
- Suitable for multi-channel pipettes and automation systems;
- Certification: CE, FDA

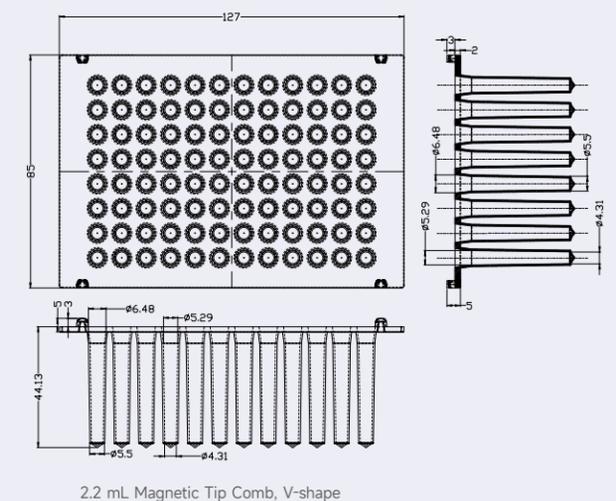
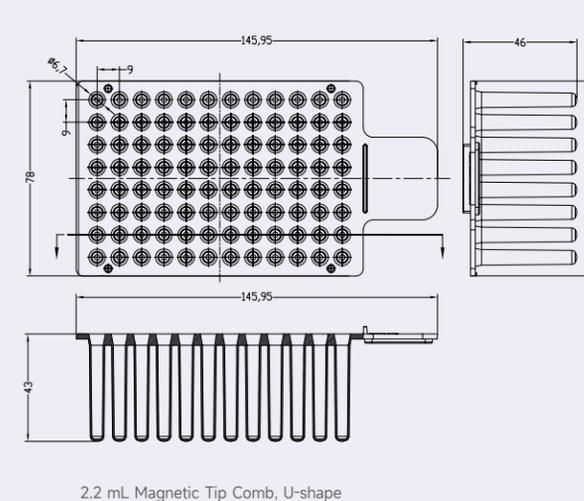
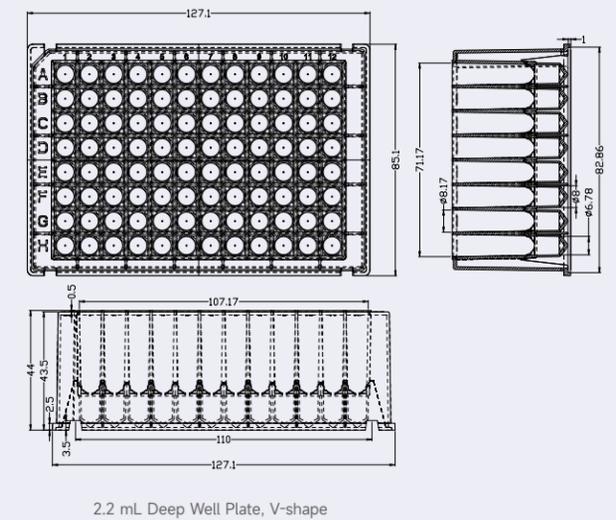
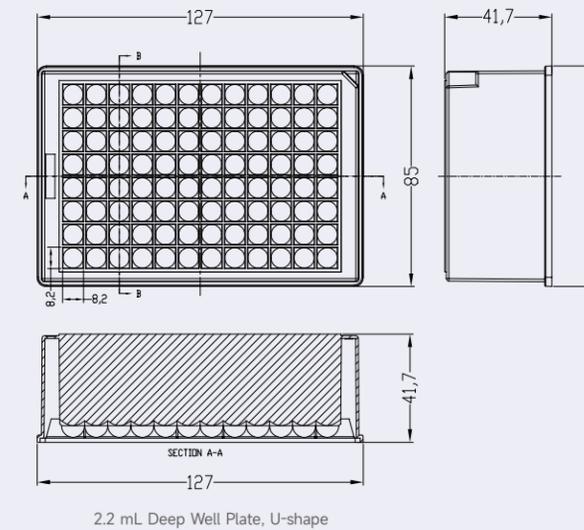
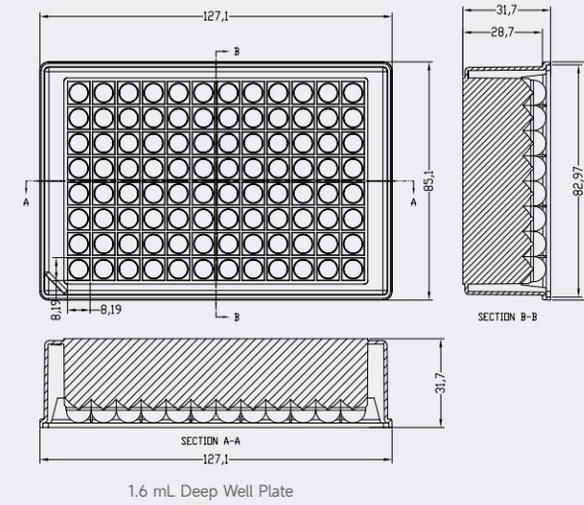


96-well Deep Well Plate

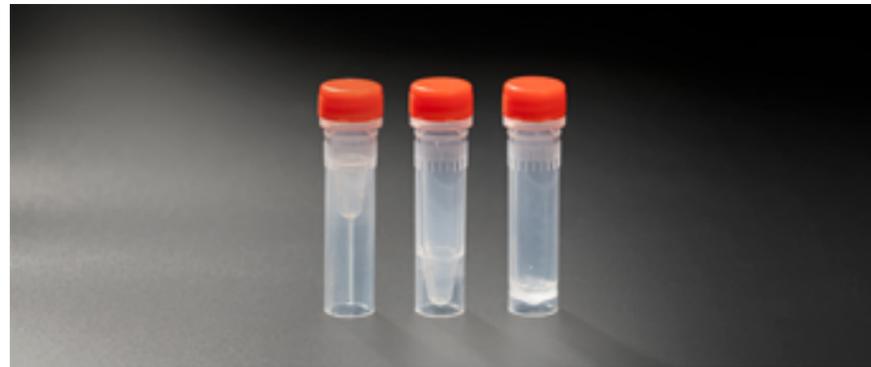
Cat. No.	Specification (mL)	Bottom Shape	Well Shape	Packaging	
				Pcs/Box	Boxes/Carton
KB-96U16-L	1.6	U-shape	Square	20	4
KB-96U20-L	2.2	U-shape	Square	16	4
KB-96V20-L	2.2	V-shape	Square	16	4

96-well Magnetic Tip Comb

Cat. No.	Specification (mL)	Bottom Shape	Well Shape	Packaging	
				Pcs/Box	Boxes/Carton
CT-96U-L	2.2	U-shape	Round	32	4
CT-96V-L	2.2	V-shape	Round	32	4



SCREW CAP TUBE



Servicebio screw cap tubes, which are with lids and without rubber rings, can be used for various biochemical reagents or sample storage and low-temperature storage, the standing round bottom design is more conducive to the concentration, recovery, and placement of samples.

>> Product Features

- Material: PP (Polypropylene)
- Available Volumes: 0.5 mL, 1.5 mL, 2 mL
- Temperature Tolerances: -80 °C -121 °C
- Others: DNase & RNase Free, Standing, Straight Knurl



Screw Cap Tube

Cat. No.	Specification (mL)	Cap Color	Packaging	
			Pcs/Bag	Bags/Carton
ST-50-M	0.5	Red	500	10
ST-150-M	1.5	Red	500	10
ST-200-M	2	Red	500	10

CRYOGENIC VIAL & CRYOGENIC BOX



Servicebio's range of cryogenic vials is designed for efficient storage of samples at low temperatures. They are made of PP material and are highly transparent for easy observation of the sample. The threaded cap and the vertical design make it easy to handle. The tubes are equipped with a large writing area and a rounded bottom for easy pouring of liquids. The thick wall of the tube will not break even if the sample is frozen and expands due to the ultra-low temperature environment. The tubes are compact and can be used with Servicebio 81-well cryogenic box.

>> Features (Cryogenic Vials)

- Material: PP (Polypropylene)
- Volume: 2 mL
- Type: External Screw Cap
- Color: Transparent
- Temperature Tolerance: -196°C
- Others: Sterile, DNase & RNase Free



Cryogenic Vials

Cat. No.	Specification (mL)	Cap Color	Packaging	
			Pcs/Bag	Bags/Carton
CV-2-ET-50	2	White	50	40

>> Features (Cryogenic Box)

- L*W*H: 128.5*128.5*52 mm, inner hole 12.9*12.9 mm;
- Made of highly transparent polypropylene (PP) material, the samples can be repeatedly frozen and thawed and stored for a long time;
- Temperature Tolerance: -80° C to 100° C;
- Resistant to alcohol and other mild organic solvents;
- Ventilation hole design to avoid sealing too tight and unable to open;
- Applicable to standard size cryogenic vials and cryogenic racks;
- Suitable for storing 0.5 mL, 1 mL, 2 mL cryovials and 1.5 mL, 2.0 mL EP tubes.

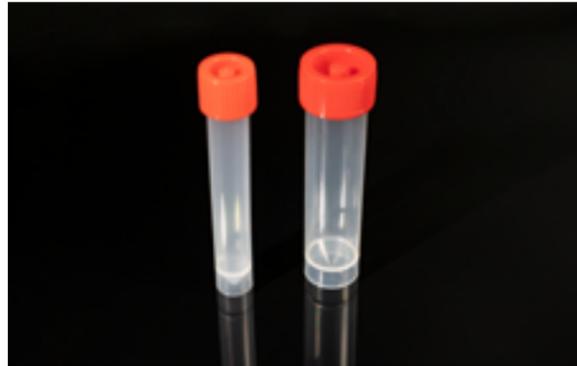


Cryogenic Box

Cat. No.	Specification (mL)	Cap Color	Packaging	
			Pcs/Bag	Bags/Carton
G9004-81	81-well	White	50	40

OTHER CONSUMABLES

VIRUS SAMPLING TUBE



>> Product Features

- Material: PP (Polypropylene)
- Temperature Tolerance: -80°C ~121°C
- Bottom: Standing, Conical
- Maximum pressure tolerance value: 4 kg/cm²
- Available Volumes: 10 mL, 30 mL

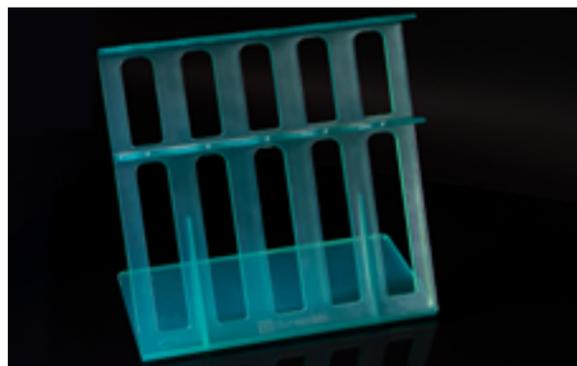
SPECIMEN BOTTLE



>> Product Features

- Bottle height: 6.5cm, diameter: 3cm;
- Plastic material, screw mouth of bottle cap, good sealing, which can effectively ensure no liquid leakage during transportation;
- It has a hard texture, which can effectively prevent the fixed tissue from being squeezed during transportation and affect the subsequent experimental results;
- It is suitable for the fixed transportation of various types of tissues, and can withstand multiple component fixed solutions without corrosion;
- Bottle body made of PP and bottle cap made of HDPE

PIPETTE STAND



>> Product Features

- The pipettor stand is made of ABS material which has the characteristic of acid and alkali resistance, chemical corrosion resistance;
- High elasticity and toughness, strong and durable;
- Integrated molding, firm interface, smooth surface, much safer;
- Unique hollow groove design, stable and safe for pipettor standing;
- Multi-color options.

LIQUID BLOCKER PAP PEN



Liquid Blocker PAP Pen is a special marker pen, when using this immunohistochemistry pen to draw circles around tissues on slides, it can provide a thin film-like hydrophobic barrier, effectively reduce the amount of reagents used without affecting the experimental results, and avoid the loss of surface reagents caused by dry film and desquamation, it is suitable for immunohistochemistry, immunofluorescence, in situ hybridization, special staining, etc. The product is formulated with optimized chemistry to withstand the high temperature operation required for ethanol dehydration and hydration steps, as well as denaturation during in situ hybridization, with a heat resistance of 120°C or less during the test. This product is used for slides with anti-deposition treatment and contains 5 mL of pen solution, which can draw circles approximately 500 times under proper use.

ROBOTIC PIPETTE TIPS



>> Product Features

- Tips material: PP (Polypropylene)
- Available Specifications: 250 µL, 1000 µL
- Compatibility: High-throughput pipetting workstation, offer OEM service
- Certificate: CE FDA UKCA
- Others: Sterile, DNase&RNase free, No Pyrogen (no endotoxin)

ANTIBODY INCUBATION BOX



The Servicebio Antibody Incubation box is designed specifically for WB, with a transfer film placed in each box for subsequent immune incubation. It can be used with Servicebio multi-function shaker DS-3D100. The large tray can support multi-layer stacking of incubator boxes and batch incubation of multiple films at the same time.

INSTRUMENTS

Servicebio instrument platform's self-developed tissue homogenizer, electrophoresis tank, shaker, tissue sampling handle, PCR plate sealer and other series of instruments have been sold worldwide!

MINI CENTRIFUGE



Servicebio mini centrifuges are widely used for the separation and purification of microscopic items, and also for mixing experiments. Applications: serum extraction from whole blood, supernatant extraction from various samples, rapid sample sedimentation, microscopic blood cell separation, microbial sample processing and PCR experimental partition centrifugation, etc.

This product is a new generation of mini centrifuge, curved skeleton design, novel and simple appearance. The one-piece composite rotor is compatible with multi-channel and multi-size centrifuge tubes. It has the function of stopping immediately when the lid is opened, and the unique stop speed adjustment function can realize the free switch of stopping and slow stopping.

Product Name	Mini Centrifuge
Cat. No.	SMC-5000F
Power	25 W
Power Spec.	INPUT: 100-240V AC50/60Hz / OUTPUT:24V DC Plug 3.5x1.35
Speed	5500 RPM
Max. RCF	1700 g
Max. Capacity	8*1.5/2.0mL+16*0.1/0.2mL+10*0.5mL Centrifuge Tubes or 2*8*0.1mL 8-strip Tubes
Dimension (D*W*H)	193*178*123 mm
Net Weight	1.3 Kg

MICROPLATE CENTRIFUGE



SMP-2 Microplate centrifuge is an instantaneous centrifuge specially designed for 96-well plates to facilitate removal of droplet from the inner wall.

The microporous plate is vertically loaded into the centrifuge cylinder from the top slot, and the liquid remains at the bottom of the microporous plate under the action of surface tension, so there is no need to worry about leakage. The rotor is instantaneously accelerated to 2200-2500 rpm when the top cover of the centrifuge is closed.

Product Name	Microplate Centrifuge
Cat. No.	SMP-2
Capacity	2 Pieces 96-well PCR Plates
Maximum Relative Centrifugal Force	550 g
Motor	DC Brushless
Rotor	Vertical, Fixed
Rotating Speed	2200Rpm
Voltage	AC200 ~ 240V,50 ~ 60HZ
Noise	≤ 55dB
Deceleration Time	≤ 10S(2200-0Rpm)
Acceleration Time	≤ 10S(0-2200Rpm)
Power	45W
Shutdown When Cover Open	Support
Stop Button	Automatic Reset
Appearance Size	256*224*203 mm
Weight	3.6 kg

VORTEX MIXER



SMV-3500



SMV-4500B

Servicebio vortex mixer is easy to operate and widely used in medicine, biochemistry, genetic engineering, medicine, and other research fields.

Product Name	Vortex Mixer	
Cat. No.	SMV-3500	SMV-4500B
Speed Range	0 - 3500 rpm	0 - 4000 rpm
Operation Mode	Knob+Graduation	Button+Digital Display
Shaking Mode	Oscillating	
Circling Diameter	3 mm	
Run Mode	Inching/Continuous Running	
Frequency	50-60Hz	
Motor Type	Brushless DC Motor	
Power Input	36W	
Ambient Temperature	5 °C - 40 °C	
Relative Humidity	0.8	
Voltage	110V-240V	
Dimension (W×D×H)	14*14*12.7 cm	
Net Weight	4.4 kg	

MAGNETIC STIRRER



Magnetic stirrer is an instrument for liquid mixing, mainly used for liquid reagent configuration, stirring low viscosity liquid or solid-liquid mixture; MS-150 magnetic stirrer has a large stirring volume, stable rotor rotation, no jumping sub, and its shell is molded by flame retardant reinforced plastic as a whole, fully enclosed waterproof and rustproof.

Product Name	Magnetic Stirrer
Cat. No.	MS-150
Speed	2200 rpm
Frequency	Speed Regulation Mode
Power Output	6.6W
Ambient Temperature	5 °C-40 °C
Relative Humidity	0.8
Voltage	110V-240V
Dimension (W×D×H)	150*185*78
Net Weight	0.75kg

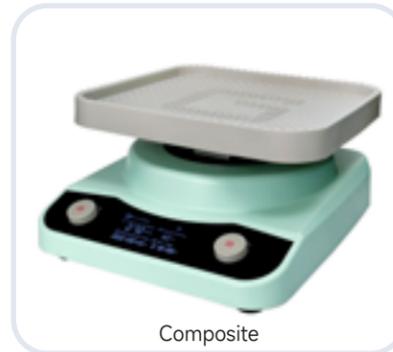
SHAKERS



Horizontal



Pendulum



Composite

Shakers are commonly used in Western experiments such as blocking of blotting membranes, antibody incubation, washing, fixation, staining, and destaining of electrophoretic gels. It can also be used for shaking and mixing the liquid in various centrifugal tubes, multi-well plates, petri dishes and culture bottles. The movement modes are horizontal, pendulum and 3D composite, and the Servicebio shaker is equipped with LCD display, knob-type control keys and digital timing function.

Product Name	Shaker			
	Cat. No.	DS-2H200	DS-2S100	DS-3D100
Run Mode	Horizontal	Pendulum	Horizontal, Pendulum, Composite	
Power	20W	20W	25W	
Voltage	110V-220V 50Hz/60Hz	110V-220V 50Hz/60Hz	100V-240V 50Hz/60Hz	
Tray Size	338*308mm			
Max. Load	5 kg			
Rotation Speed Range	5-200 rpm	5-100 rpm	5-100 rpm	
Radius of Gyration	15 mm	/	/	
Swinging Angle	/	10°	/	
Pendulum Speed/Horizontal Speed	/	/	1%-100%	
Dimensions (L*W*H)	380*330*148 mm	380*330*173 mm	380*330*180 mm	
Timing Range	0-999h59min	0-999h59min	0-999h59min	
N.W.	7.6 kg	8.5 kg	9.5 kg	

PCR PLATE SEALER (PORTABLE)



FS-E30 Automatic Film Sealer adopts the rolling method to seal the sealing film safely and firmly. It is not only simple to operate, but also solves the problems caused by traditional manual glue sealing, and can prevent the sample loss and space cross-infection caused by the volatilization and leakage of the PCR plate during the detection reaction process. Another role is to ensure the safe storage and transportation of samples in microplates.

Compared with the traditional hot-pressing method, this product runs a mechanical rolling sealing film, which can effectively avoid the problems of sample inactivation and sample volatilization caused by high temperature, and improve the accuracy of the experiment

Product Name	PCR Plate Sealer (Portable)
Cat. No.	FS-E30
Dimension (L*W*H)	472*119*143 mm
Plate Type for Sealing	PCR plate without skirt, half skirt, full skirt, Elisa plate
Sealer film	PCR sealer film (pressure-sensitive type)
Weight	6.7kg

PCR PLATE SEALER (SMART)



An innovative rolling design is adopted for FS-A20 Automatic Film Sealer, which can effectively avoid sample loss and spatial cross-infection. It can be applied in conventional PCR(Polymerase Chain Reaction) and fluorescence QPCR(Qualitative Polymerase Chain Reaction). The machine is easy to operate, and flexible to set software parameters and rolling values. Rolling frequency can be moderated according to the requirement of the experiment so that an assortment of brands of pressure-sensitive films and reaction plates can be well applicable.

In case of misoperation, the emergency stop is set to effectively prevent sample loss.

Product Name	PCR Plate Sealer (Smart)
Cat. No.	FS-A20
Dimension (L*W*H)	362*178*291 mm
PCR reaction plate	PCR reaction plate without skirt, half skirt, full skirt, Elisa plate
Sealer film	PCR sealer film (pressure-sensitive type)
Running times	1-9999
Rolling position	1-3
Weight	8.4 kg

Optional Adapters



AUTOMATIC PLATE HEAT SEALER



Servicebio Automatic Plate Heat Sealer uses hot press technology to seal tightly and without leakage, effectively avoiding sample loss and spatial cross-contamination, and can be used for conventional PCR plates, 2.2 mL 96-well deep well plates and 1.6 mL 96-well deep well plates. The instrument is easy to operate and can be adapted to transparent heat-sealable rolls and aluminum molded rolls.

Product Name	Automatic Plate Heat Sealer
Cat. No.	FS-FH10
Adapter Type	Normal PCR Adapters, 96-well Deep Well Plate (1.6 mL)
Single Sealing Time	7-9 s
Operation Mode	Fully Automatic/Manual
Frequency	50 Hz/60 Hz
Power Input	100-240V
Power Output	350W
Ambient Temperature	5 °C - 40 °C
Relative Humidity	0.8
Voltage	110V-240V
Dimension (W×D×H)	338*228*425 mm
Net Weight	15 kg

VERTICAL ELECTROPHORESIS SYSTEM



Electrophoresis is widely applied in life science, analytical chemistry, clinical chemistry, agents, pharmacology, immunology, food, chemical industry, etc.

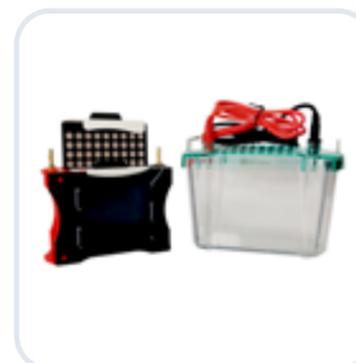
In a DC electric field, the movement of charged particles towards an electrode with opposite signs is called electrophoresis. Small molecules can be separated and analyzed by electrophoresis, which is commonly used in modern medicine to study proteins, nucleic acids, enzymes and even virus cells.

Electrophoresis not only can be used in the separation and determination of protein content, but also has many new applications in immunological experiments. For example: hepatitis B antigen (HBAG) electrophoresis for the diagnosis of hepatitis B, alpha-fetoprotein (AFP) electrophoresis for the diagnosis of primary liver cancer and so on.

Related Products

Cat. No.	Name	Specification	Packaging
G6052-0.75	Concave glass plate (Suitable for Servicebio and Bio-rad))	0.75 mm	5 Pcs/Box, 100 Boxes/Carton
G6052-0.75T	Glass plate set (Suitable for Bio-rad)	0.75 mm	2 Sets /Box, 180 Boxes/Carton
G6052-1.0	Concave glass plate (Suitable for Servicebio and Bio-rad))	1.0 mm	5 Pcs/Box, 100 Boxes/Carton
G6052-1.0T	Glass plate set (Suitable for Bio-rad)	1.0 mm	2 Sets /Box, 180 Boxes/Carton
G6052-1.5	Concave glass plate (Suitable for Servicebio and Bio-rad))	1.5 mm	5 Pcs/Box, 100 Boxes/Carton
G6052-1.5T	Glass plate set (Suitable for Bio-rad)	1.5 mm	2 Sets /Box, 180 Boxes/Carton
G6052-P	Glass plate (Suitable for Bio-rad)		5 Pcs/Box, 100 Boxes/Carton

TRANSFER ELECTROPHORESIS SYSTEM



Electrophoresis is widely applied in life science, analytical chemistry, clinical chemistry, agents, pharmacology, immunology, food, chemical industry, etc.

This product can be used with SVE-2 vertical electrophoresis system. The proteins and nucleic acids in the gel after electrophoresis were transferred to the transfer film by electric field, and then the charged particles were further analyzed and studied by biochemical analysis.

Product Name	Vertical Electrophoresis System	Transfer Electrophoresis System
Cat. No.	SVE-2	SVT-2
External Dimensions (L * W * H) mm	185x108x125	185x108x125
Gel Size / Transfer Size (mm)	Gel Size 83x73	Transfer Size 70x90
Maximum Volume Of Buffer Solution (mL)	500	500
Maximum Supply Voltage (V)	200	

HORIZONTAL ELECTROPHORESIS SYSTEM



SVL-2 Integrated horizontal electrophoresis system is mainly applied to rapid agarose electrophoresis separation experiments of a small amount of DNA and RNA samples.

Product Name	Horizontal Electrophoresis System
Cat. No.	SVL-2
Dimensions (L×W×H)	310×150×120mm
Gel tray dimensions (L×W)	Large gel: 120mm×120mm Wide gel: 60mm×120mm Long gel: 120mm×60mm Small gel: 60mm×60mm
Comb specifications	1.0mm 25/11 teeth 1.5mm 13/6 teeth 2.0mm 3/2 teeth
Wavelength of Blue Light Transilluminator	470 nm
Buffer Volume	260 mL
Weight	1 Kg

ELECTROPHORESIS POWER SUPPLY



This is a rectifier device that converts alternating current to direct current. It can convert alternating current to controllable constant voltage and constant current to meet the needs of electrophoresis and other experiments. It is widely used for nucleic acid gel electrophoresis, protein gel electrophoresis, Western Blot protein transfer, and other experiments in the biological and medical fields.

Product Name	Electrophoresis Power Supply
Cat. No.	SPW-6S
Input Power Supply	180V-240V
Ac Frequency	50Hz/60Hz
Ambient Temperature	4C-40° C
Environmental Humidity	10%-70%
Output Quantity	positive, negative pole A/B four groups
Output Range	voltage 6V-600V(precision to 1V); 5 mA - 600 mA (precision to 1 mA)
Control Accuracy	Voltage setting <100V, voltage stability accuracy <1V; >100V, voltage stability accuracy <±1% Current setting <100mA, current stability accuracy <1mA; >100mA, current stability accuracy <±1%.
Rated Output Power	300W
L*W*H (mm)	265*215*120

DRY BATH



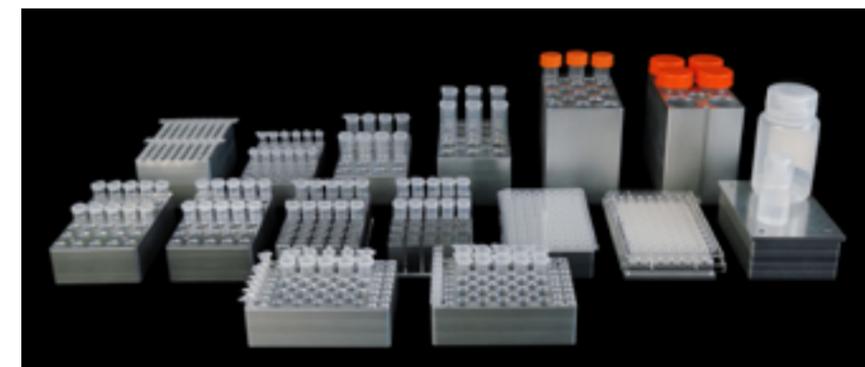
SMP-H/SMP-C is a constant temperature dry bath controlled by microcomputer. It has the advantages of high temperature control precision, good parallelism and can replace the traditional water bath device. It can be widely used in sample preservation and reaction, DNA amplification and pre-denaturation of electrophoresis, serum coagulation and so on. The application industry covers medicine, chemical industry, food safety, quality inspection, environment, etc.



The newly designed programmable dry bath SMP-PC adopts advanced semiconductor refrigeration technology, which can accurately control the sample temperature from 0 °C to 100 °C. It can set the temperature time period, run in a loop, store 10 groups of programs and run program segments directly, which can meet the needs of different users.

Product Name	Dry Bath		
	SMB-H	SMB-C	SMB-PC
Temperature Control Range	Room Temperature +(5-100°C)	0-100°C	0-100°C
Timing Range	0-99h59min	0-99h59min	0-99h59min
Heating Time	Room Temperature-100°C≤ 12min	Room Temperature-100°C≤ 12min	Room Temperature-100°C≤ 12min
Temperature Control Accuracy	≤ ±0.3°C	≤ ±0.3°C	≤ ±0.3°C
Cooling Time	-	Drop 20°C from Room Temperature ≤ 15min	Drop 20°C from Room Temperature ≤ 15min
Temperature Uniformity	≤ ±0.5°C	≤ ±0.5°C	≤ ±0.5°C
Program Edit	-	-	Available
Input Voltage	100V-240V 50Hz/60Hz	100V-240V 50Hz/60Hz	100V-240V 50Hz/60Hz
Power	150w	150w	150w
Overall Dimensions	175X278X197 (mm)	175X278X197 (mm)	175X278X197 (mm)
N.W.	2.5 kg	3.5 kg	3.5 kg

Optional Adapters



TISSUE HOMOGENIZER



KZ-III



KZ-III-FP



KZ-5F-3D

Servicebio tissue homogenizer series adopt vertical vibration system high-speed reciprocating motion or special three-dimensional integrated operation mode, so that the sample in the grinding tube and the grinding bead collide with each other, the grinding shear force and impact force produced can make the tissue completely broken. Servicebio tissue homogenizers are special equipments for rapid one-time processing of multiple samples in research institutes, universities, agricultural institutes, biomedicine, food testing and other fields.

The traditional grinding bowl can only grind one sample at a time, which is less efficient; moreover, the tools such as the grinding bowl must be cleaned and sterilized each time, which greatly increases the workload of sample processing.

Product Name	Tissue Homogenizer				
Cat. No.	KZ-III	KZ-III-F	KZ-III-FP	KZ-III-96	KZ-5F-3D
Run Mode	Vertical Reciprocating Vibration				3D "∞" style
Temperature	Room Temperature	-10°C	-40°C	Room Temperature	-40°C
Max. Rotational Speed	2000 r/min			2100 r/min	4500 r/min
Standard Configuration	2mL*24				
Optional Configuration	0.5mL*24, 1.5mL*24, 2mL*48, 2mL*60, 10mL*10, 5mL*6, 50mL*2		96 PCR Plate*2, 0.5mL*24, 1.5mL*24, 2mL*48, 2mL*60, 10mL*10, 5mL*6, 50mL*2		1.5mL*24, 2mL*24
Weight	30 kg	55 kg	55 kg	30.7 kg	55 kg
Dimension (L*W*H)	265*365*366 mm	500*365*370 mm	500*365*370 mm	265*365*366 mm	500*365*370 mm
Commonly Processed Samples	Animal and plant tissues, hair, soil, bacteria, yeast, fungi, spores, and can handle hard-to-grind tissues such as bones, rubber, branches, etc.				Animal and plant tissues, hair, soil, bacteria, yeast, fungi, spores, etc.

Related Products



Grinding Beads



Beads Pen

Example of Grinding Effect



PIPETTES



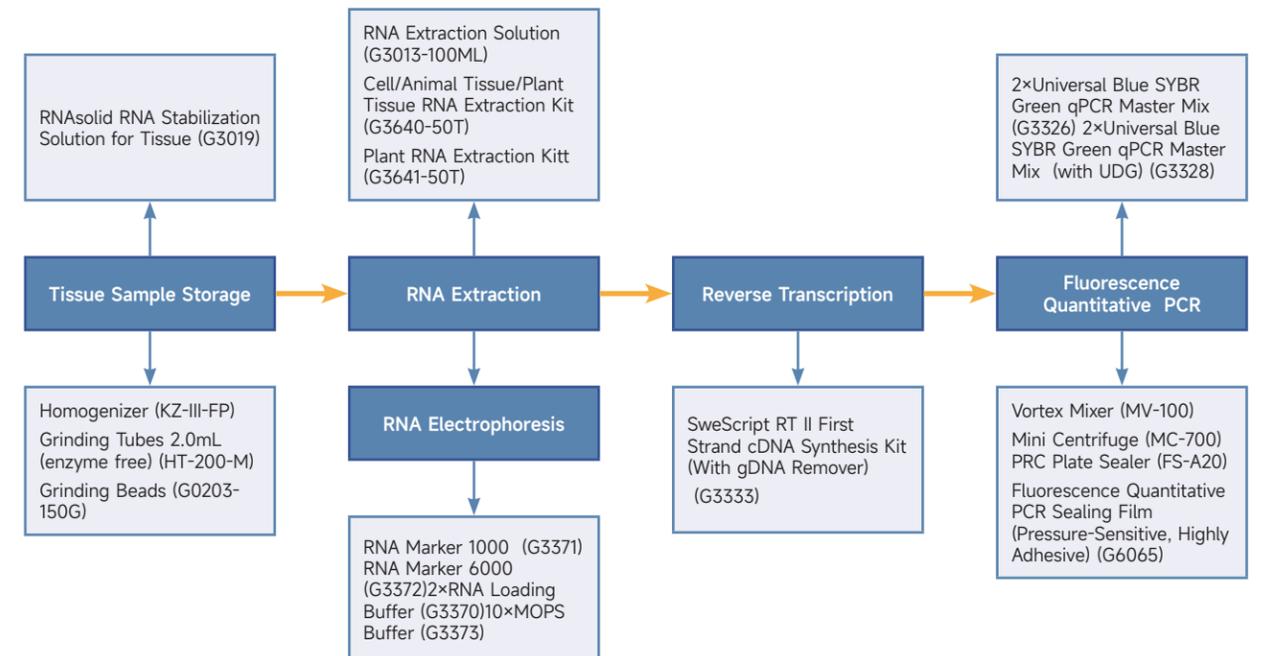
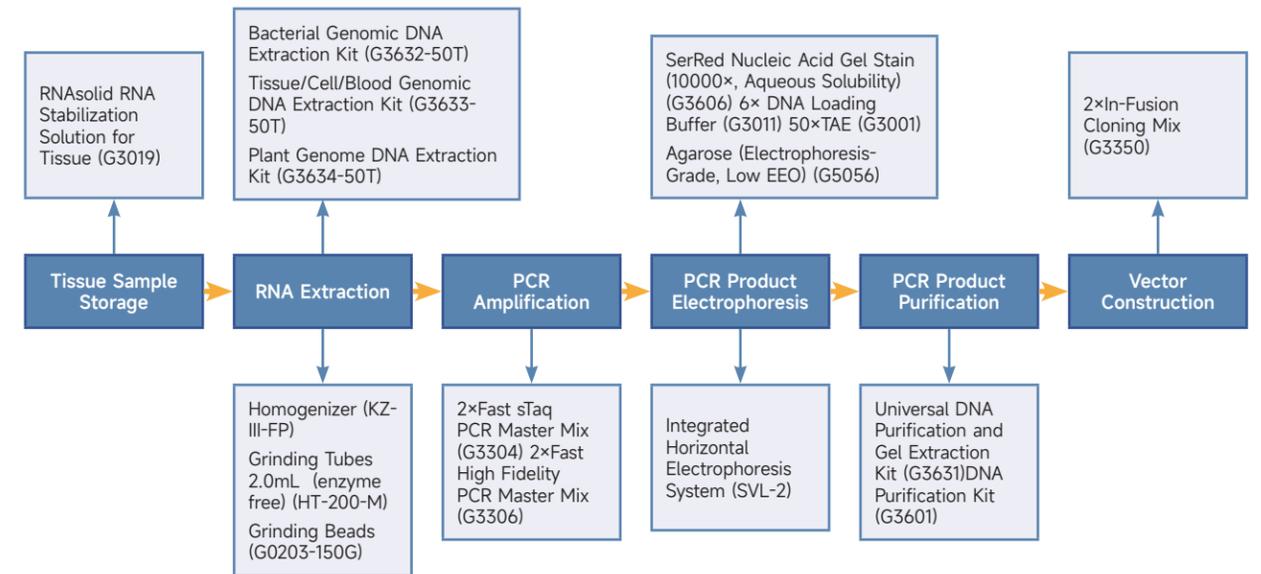
Pipettes are the device used to transfer liquids quantitatively. They are generally used to remove small or trace amounts of liquid when conducting studies for analytical testing.

Product Name	Cat. No.	Nominal Volume	Volume Range	Increment	Cap Color
Single Channel Pipette	SPIP-10	10 µL	1-10 µL	0.1 µL	Grey
	SPIP-200	200 µL	20-200 µL	1 µL	Yellow
	SPIP-1000	1000 µL	100-1000 µL	5 µL	Blue
	SPIP-5000	5000 µL	1000-5000 µL	50 µL	Purple
Multichannel Pipette	SPIP-B300	300 µL	50-300 µL	1 µL	Yellow

MOLECULAR BIOLOGY EXPERIMENTAL & PRODUCTS

REAGENTS

Servicebio has 2 aseptic filling production lines, which strictly comply with the production requirements from water preparation, ingredients, sterilization, testing, filling and packaging to ensure that the products do not contain bacteria, mycoplasma and other pollution. Professional equipment and production team produced cell culture medium, bacteria buffer, laboratory water and other products of stable quality. It can meet the needs of various cell experiments.



ENVIRONMENTAL DISINFECTION

ENVIRONMENTAL DISINFECTION

Cat. No.	Name	Spec.	Note
G3020-250ML	Nucleic Acid Remover	2x250 mL	Eliminate high levels of contaminated DNA and RNA from surfaces and air in a short time.
G3032-250ML	RNase Remover	2x250 mL	Solutions for removing ribonuclease (RNase) contamination on plastic or glass solid surfaces.
G4801-500ML	DNA/RNA Remover	2x250 mL	Completely degrades contaminated DNA and RNA at PCR sensitivity levels for laboratory nucleic acid contamination removal.

Star Products

Nucleic Acid Remover

Cat. No.	Name	Spec.	Note
G3020-250ML	Nucleic Acid Remover	250 mL	Eliminate high levels of contaminated DNA and RNA from surfaces and air in a short time

Introduction:

The nucleic acid remover is composed of two solutions, solution A and solution B, which are non-toxic when used alone. After the two solutions are mixed in equal proportions, they have a powerful nucleic acid degradation function, which can remove high-level contaminated DNA and RNA on the surface of various objects and in the air in a short time, and can be used for the removal of nucleic acid contamination in the laboratory. It can completely degrade contaminated DNA and RNA at the level of PCR sensitivity.

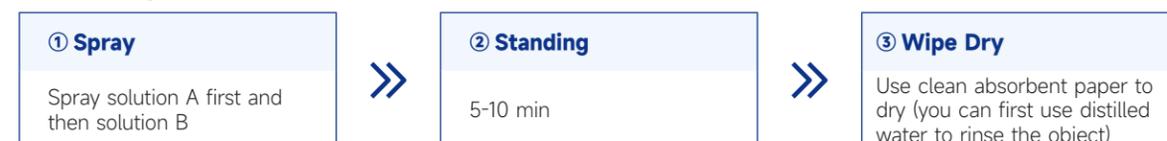
Storage:

Transport at room temperature; Store at 2-8°C sealed for 8 months.

Product Features:

- 1.It can remove high levels of contaminated DNA and RNA on the surface of various items and in the air in a short time ;
- 2.It can be used to remove nucleic acid contamination in the laboratory ;
- 3.Able to completely degrade contaminated DNA and RNA at the PCR sensitivity level.

Three Steps:



Star Products

RNase Remover

Cat. No.	Name	Spec.	Note
G3032-250ML	RNase Remover	2x250 mL	Solutions for removing ribonuclease (RNase) contamination on plastic or glass solid surfaces

Introduction:

RNase Removal Solution is a solution specially developed for the removal of RNase contamination from plastic or glass solid surfaces by direct contact with RNase, and contains three main active ingredients that destroy RNase.

The RNase Removal Solution Kit has been proven to be effective in removing RNase contamination from plastic surfaces, glass surfaces, laboratory bench tops, plastic glass surfaces of instruments, stainless steel metal surfaces, etc. It is also effective in removing high concentrations of RNase A from solid phase surfaces, and there is no reagent residue after treatment with RNase Removal Solution and cleaning with the matching solution, which does not affect enzymatic reactions.

Storage:

Transport and storage at room temperature, valid for 12 months.

Assay Protocol:

- 1.Remove the reagent bottle cap and replace it with the spray head, the spray head switch can be rotated. When not in use, please adjust the top of the nozzle to "X", which means that spraying is not possible; "....."means straight spraying state; "shower icon"means spraying in multiple direction.



- 2.Spray or apply RNase Remover A to the solid phase surface to be cleaned and wipe well back and forth with a paper towel.

- 3.Spray RNase Remover B onto the same area and wipe dry with a clean paper towel.

NUCLEIC ACID EXTRACTION

NUCLEIC ACID EXTRACTION

Proteinase K

Cat. No.	Name	Spec.	Note
G1234-1ML	Recombinant Proteinase K (20 mg/mL)	1 mL	It contains recombinant mutant type enzyme with better performance and can be used to digest various proteins in molecular biology, cell biology, immunohistochemistry and other related experiments.
G1234-500ML	Recombinant Proteinase K (20 mg/mL)	500 mL	
G1237-100G	Recombinant Proteinase K (Powder)	100 g	
G1237-10G	Recombinant Proteinase K (Powder)	10 g	
G1237-1G	Recombinant Proteinase K (Powder)	1 g	
G1237-1KG	Recombinant Proteinase K (Powder)	1000 g	
G1237-500MG	Recombinant Proteinase K (Powder)	500 mg	

RNA Extraction

Cat. No.	Name	Spec.	Note
G3640-50T	Cell/Animal Tissue/Plant Tissue RNA Extraction Kit	50 T	This kit is highly efficient, the obtained RNA can be directly used in various molecular biology experiments such as Northern hybridization, RT-PCR and cDNA library construction.
G3013-100ML	RNA Extraction Solution	100 mL	Contains RNase inhibitor to prevent RNA degradation and maintain RNA integrity.
G3342-500U	Recombinant DNase I (RNase-free)	500 U	Specifically degrades DNA, but cannot degrade RNA. Preparing RNA samples without DNA.

DNA Extraction

Cat. No.	Name	Spec.	Note
G3630-100T	High Purity Plasmid DNA Miniprep Kit	100 T	High purity plasmid DNA was obtained by rapid extraction and purification.
G3631-100T	Universal DNA Purification and Gel Extraction Kit	100 T	DNA fragments can be recovered from TAE or TBE agarose gel and used for direct purification of PCR products.
G3632-50T	Bacterial Genomic DNA Kits	50 T	Suitable for extracting genomic DNA from various Gram positive / negative bacteria, mycobacteria, Salmonella, etc.
G3633-50T	Tissue Cell Blood Genomic DNA Extraction Kit	50 T	Suitable for genomic DNA extraction from animal tissues, cultured cells and whole blood.
G3405-1ML	Recombinant RNase A (10mg/mL)	1 mL	Recombinant RNase A with better performance, without DNase and Protease, can be used to purify DNA in molecular biology, cell biology and other experiments.
G3405-200UL		200 μ L	
G3414-10KU	RNase Inhibitor	10 KU	Inhibition of RNase in various tissues and cells.
G3003-250ML	10 \times TE (pH 8.0)	250 mL	Protective base of DNA, usually used as a solvent or maintainer.

NUCLEIC ACID EXTRACTION

NUCLEIC ACID EXTRACTION

Magnetic Beads

Cat. No.	Name	Spec.	Note
G3650-100ML	SweMag-OH Silanol Magnetic Beads	100 mL	Genomic DNA/RNA extraction from blood, tissue, plant and microorganism samples; DNA/RNA extraction from urine, serum and nasopharyngeal swabs; Viral nucleic acid extraction; Plasmid, PCR product extraction and purification, etc.
G3650-25ML	SweMag-OH Silanol Magnetic Beads	25 mL	
G3650-500ML	SweMag-OH Silanol Magnetic Beads	500 mL	

Nucleic Acid Preservation

Cat. No.	Name	Spec.	Note
G3019-100ML	RNA Solid RNA Stabilization Solution for Tissue	100 mL	Without any toxicity and irritation, RNase can be rapidly inhibited at room temperature and RNA of tissue samples can be preserved for a long time.
G3019-25-1.2ML	RNA Solid RNA Stabilization Solution for Tissue	25 \times 1.2 mL	
G3029-10ML	RNRNA Storage Solution	10 \times 1 mL	Through low pH (pH 6.5) and high-efficiency chelating agent; Effective reduction of RNA alkaline hydrolysis.
G3030-10ML	RNA Solution (Inactivated RNase)	10 \times 1 mL	Reversible inactivation of RNase in RNA solution is a good substitute for DEPC water.
G4208-25L	Virus Storage Solution (Inactivated, colorless)	25 L	It can efficiently inactivate viruses and contain RNase inhibitory components for the preservation and transport of various respiratory viruses.
G4208-500ML	Virus Storage Solution (Inactivated, colorless)	500 mL	
G4209-25L	Virus Storage Solution (Inactivated, colorless)	25 L	Non-inactivated virus preservation solution has higher virus detection rate and is suitable for the preservation and transportation of various respiratory viruses.
G4209-500ML	Virus Storage Solution (Inactivated, colorless)	500 mL	
G4217-25L	Virus Storage Solution (Activated, red)	25 L	The detection rate of non-inactivated virus preservation solution containing pH indicator is higher, which is suitable for the preservation and transportation of various respiratory viruses.
G4217-500ML	Virus Storage Solution (Activated, red)	500 mL	
G4218-25L	Virus Storage Solution (Activated, red)	25 L	Efficient Inactivated Virus Preservative Solution Containing RNase Inhibitory Components and pH Indicators for Preservation and Transport of Various Respiratory Viruses.
G4218-500ML	Virus Storage Solution (Activated, red)	500 mL	
G4804-25L	Storage Solution	25 L	Free DNA for collection, stabilization, transport and preservation of samples.
G4804-500ML	Storage Solution	500 mL	

NUCLEIC ACID EXTRACTION

NUCLEIC ACID EXTRACTION

Molecular Experimental Water

Cat. No.	Name	Spec.	Note
G3028-1ML	Water, PCR Grade	10×1 mL	It can be used for various reaction systems containing RNA, suitable for all PCR and RT-PCR or related experiments.
G4700-500ML	Water Nuclease-Free	500 mL	Ultrapure water without nuclease treated by DEPC can be used in nucleic acid related molecular biology and conventional biology experiments.
G4701-500ML	Pure Water	500 mL	Pure water prepared by EDI and distillation can be used in cell experiments, molecular experiments, WB, IHC and other biological experiments.
G3004-100ML	DEPC-Treated Water	100 mL	Various reaction systems containing RNA and other systems requiring no RNase, DNase or proteinase.

Star Products

Recombinant Proteinase K

Cat. No.	Name	Spec.	Note
G1234-1ML	Recombinant Proteinase K (20 mg/mL)	1 mL	Mutant Somatotype Enzymes Containing Better Expressed Recombinant Proteins for Digestion of Proteins in Molecular Biology and Cell Biology Immunohistochemistry.
G1237-10G	Recombinant Proteinase K (Powder)	10 g	
G1237-1G		1 g	
G1237-500MG		500 mg	

Introduction:

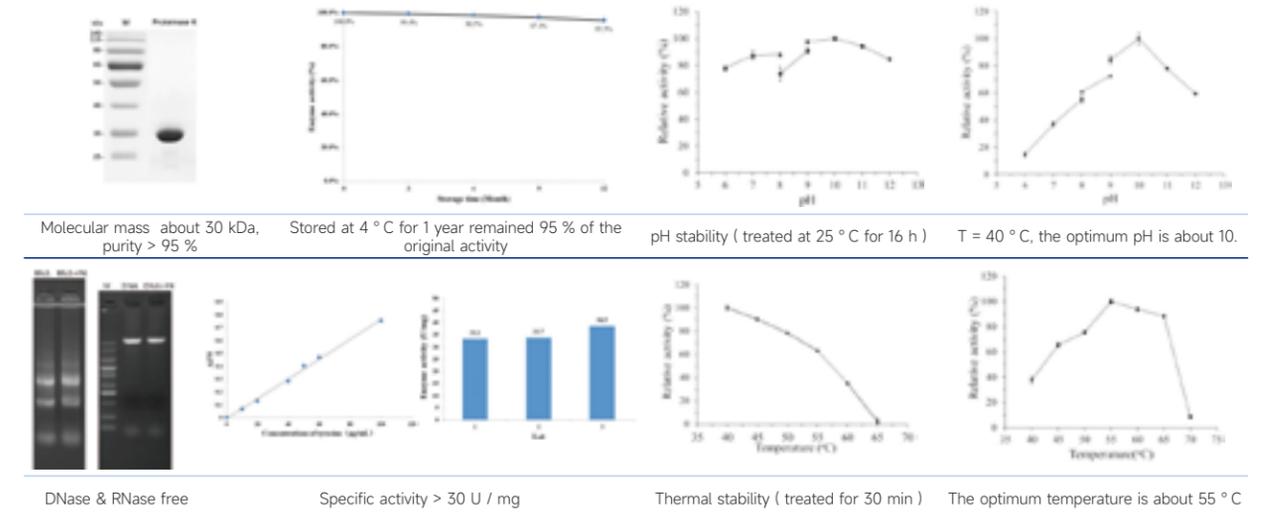
Proteinase K is a broad spectrum protease. Its predominant cleavage site is the peptide bond adjacent to the carboxyl group of aliphatic and aromatic amino acids with blocked α -amino groups. Proteinase K is widely used, commonly used in molecular biology, cell biology, immunohistochemistry and other related experiments to digest various proteins, such as preparing chromosomal DNA for pulse electrophoresis, removing nucleases in DNA and RNA preparation, western blotting, tissue cell permeabilizing and other experiments. Commonly used concentrations of EDTA, Triton X-100, Tween 20, Sarkosyl, and guanidine hydrochloride have little effect on the activity of Proteinase K, while the SDS (1%) can increase its activity. The usual working concentration of Proteinase K is 50-100 μ g/mL, and the specific working concentration is determined according to whether the buffer containing the SDS, urea and the pH, temperature of the buffer.

Storage:

Stored at -20°C, 12 months in liquid form, 24 months in powder form.

Product Features:

- Higher purity and better effect (specific activity of protease K > 30U / mg, purity > 95 % detected by SDS-PAGE, and retained the original nature of protease K) ;
- The enzyme has strong activity and good stability (better than wild type enzyme performance, stronger activity, 4 ° C storage for 1 year still maintain the original activity of more than 95 %) ;
- Wider application (new protease K is more widely used than natural protease K and can be used for all protein degradation).



Star Products

Cell/Animal Tissue/Plant Tissue RNA Extraction Kit

Cat. No.	Name	Spec.	Note
G3640-50T	Cell/Animal Tissue/Plant Tissue RNA Extraction Kit	50 T	High extraction efficiency, the obtained RNA can be directly used in various molecular biology experiments such as Northern hybridization, RT-PCR and cDNA library construction

Introduction:

This kit is a broad-spectrum kit for the purification of RNA by the column method from cells, animal tissues, plant tissues (young and tender stems, leaves) and other samples. This kit employs a special lysis system whereby tissue or cells are lysed by homogenate or after grinding in liquid nitrogen to release nucleic acids in the lysate. The lysate was drawn without phenol and chloroform organic reagents and was passed through a gDNA eraser spin column (to remove genomic DNA) as well as an RNA spin column (to bind RNA), respectively, to achieve high-quality RNA extraction.

Storage:

DNase (RNase-free) and 10×DNase Buffer should be shipped in ice bags and stored at -20°C; the others should be shipped at room temperature and stored at room temperature; valid for 12 months.

Product Features:

- Efficient extraction and simple operation ;
- High-purity and complete RNA can be quickly extracted and purified from 10⁶ – 10⁷ freshly cultured cells, 2 – 20 mg animal tissues, and 50 – 100 mg plant tissues (young leaves, stems, etc.), which can be completed in 30 min ;
- The obtained RNA can be directly used in Northern hybridization, dot blot hybridization, mRNA purification, in vitro translation, RNA-degrading enzyme protection analysis, RT-PCR, Real Time RT-PCR and cDNA library construction and other molecular biology experiments.

Star Products

DNA Purification Kit

Cat. No.	Name	Spec.	Note
G3631-100T	DNA Purification Kit	100 T	It can not only recover DNA fragments from TAE or TBE agarose gel, but also directly purify PCR products.

Introduction:

This kit is used for purifying DNA from TAE or TBE agarose gels, or recovering DNA from PCR products based on a special Bind DNA Mini Columns. The Buffer GL contains pH indicator, which can judge whether the gel solution or PCR product recovery has reached the optimal state according to the solution color. DNA fragments of 100 bp-10 kb can be recovered with a recovery rate of 85%. The amount of DNA adsorbed on each column was 20 µg. The DNA recovered using this kit can be used for a variety of routine procedures, including restriction enzyme digestion, PCR reaction, DNA sequencing, DNA library screening, ligation and transformation.



Storage:

Store and transport at room temperature, valid for 12 months.

Star Products

Tissue/Cell/Blood Genomic DNA Extraction Kit

Cat. No.	Name	Spec.	Note
G3633-50T	Tissue/Cell/Blood Genomic DNA Extraction Kit	50 T	Suitable for genomic DNA extraction from animal tissues, cultured cells and whole blood.

Introduction:

This kit releases genomic DNA from tissue cells through a specially optimized lysis buffer, and then purifies genomic DNA through a specific DNA-binding centrifuge adsorption column. It is suitable for extracting genomic DNA from animal tissues, cultured cells and whole blood. 10-30 µg high purity and complete genomic DNA can be rapidly extracted and purified from 2-30 mg animal tissues, 10⁶-10⁷ freshly cultured cell suspensions and 5-100 µL whole blood of non-nucleated or nucleated red cells (including anticoagulant). The obtained genomic DNA can be directly used for PCR as the templates, for enzyme digestion, hybridization and other molecular biology experiments.

Storage:

Normal temperature transportation; Dry storage at room temperature, valid for 12 months; The Proteinase K Stock Solution was stored at -20° C.

Star Products

Nucleic Acid Extraction / Magnetic Beads

Cat. No.	Name	Spec.	Note
G3650-25ML	SweMag-OH Silanol Magnetic Beads	25 mL	Genomic DNA / RNA extraction from blood, tissues, plants and microorganisms ; DNA/RNA extraction from urine and serum nasopharyngeal swabs ; virus nucleic acid extraction ; plasmid, Extraction and Purification of PCR Products.
G3650-100ML		100 mL	
G3650-500ML		500 mL	

Introduction:

The magnetic beads are specially designed for nucleic acid extraction and purification. Its surface is coated with silica and contains a large number of silanol groups (hydroxyl groups), which enables it to interact with nucleic acids in solution through hydrophobic interactions, hydrogen bonding and electrostatic interactions, even under high salt and low pH conditions. It does not bind to other impurities such as proteins and can rapidly isolate nucleic acids from biological samples. This product is safe and simple to operate, and is very beneficial to the automation and high-throughput extraction of nucleic acids.

Storage:

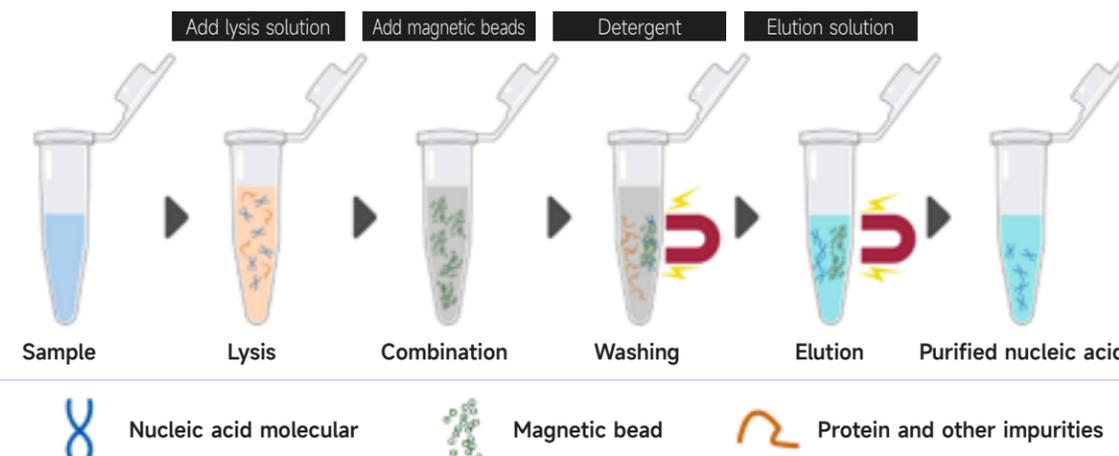
Transport at room temperature ; 2-8 ° C for 24 months and room temperature for 12 months.

Product Performance:

Concentration : 100mg / mL ;
 Strong nucleic acid binding ability : > 20 µg DNA / mg magnetic beads ;
 Good operation performance : superparamagnetic, magnetic response time < 30s ; good stability and repeatability between batches ;
 Large specific surface area favors binding with nucleic acid ; zeta potential < -20mV.

Application:

Genomic DNA/RNA extraction from blood, tissue, plant and microorganism samples;
 DNA/RNA extraction from urine, serum and nasopharyngeal swabs;
 Viral nucleic acid extraction;
 Plasmid, PCR product extraction and purification, etc.



Star Products

RNAsolid RNA Stabilization Solution for Tissue

Cat. No.	Name	Spec.	Note
G3019-100ML	RNAsolid RNA Stabilization Solution for Tissue	100 mL	Without any toxicity and irritation, RNase can be rapidly inhibited at room temperature and RNA of tissue samples can be preserved for a long time.
G3019-25-1.2ML		25x1.2 mL	

Introduction:

RNAsolid RNA Stabilization Solution is a tissue storage reagent that can quickly permeate the tissue to inhibit RNase and protect RNA in fresh specimens. It is designed for the collected samples that cannot be processed or frozen immediately. The samples can simply be submerged in RNA Stabilization Solution and stored for analysis at a later date.

This product has a wide range of applications, not only for fresh animal tissue samples such as liver, brain, lung, spleen, kidney, heart, muscle, etc., but also for RNA viruses, cultured cells, fungi, bacteria, blood and some plant sample. It may not be effective in tissues that are poorly penetrated by the solution, such as waxy plant tissue and bone.

This product is safe and convenient, without any toxicity and irritation, and can be used at room temperature. Most samples can be stored in RNA Stabilization Solution at 37° C for 1-2 days (25° C for 1 week, 4° C for 1 month, -20° C or lower temperature for a long time) without significant RNA degradation.

Storage:

Transport at room temperature; store at room temperature for 24 months.

Storage time of tissue in RNAsolid solution:

37°C	25°C	4°C	-20°C / -80°C
1 ~ 2 Days	1 week	1 month	3 ~ 5 Years (It needs to be stored at 4 °C overnight or longer)

Note: Long term preservation at -80 °C using RNAsolid solution is better than direct preservation

NUCLEIC ACID ELECTROPHORESIS
NUCLEIC ACID ELECTROPHORESIS

Electrophoresis Reagents

Cat. No.	Name	Spec.	Note
G3001-500ML	50×TAE	500 mL	Mainly used for DNA agarose gel electrophoresis ; if DNA fragments need to be recovered TAE should be selected.
G3002-250ML	10×TBE	250 mL	Strong buffer, suitable for long time electrophoresis ; high resolution and good separation when electrophoresis is less than 1kb.
G3011-500UL	6 × DNA Loading Buffer	500 µL	Six times concentration, dilution to 1X after the specific gravity is still large, easy to sink when sample ; bromophenol blue as indicator, color clearly visible.
G3015-100ML	20×SSC Buffer Solution	100 mL	Denatured and washed for various hybridization experiments.
G3370-500UL	2×RNA Loading Buffer	500 µL	Sample loading buffer for RNA sample electrophoresis, suitable for routine RNA agarose or acrylamide gel electrophoresis.
G3373-100ML	10×MOPS Buffer	100 mL	Tenfold concentration for RNA formaldehyde electrophoresis.
G3606-100UL	SerRed Nucleic Acid Stain (10000×, water-dissolvent)	100 µL	Strong buffer, suitable for long time electrophoresis ; high resolution and good separation when electrophoresis is less than 1kb.
G3606-500UL		500 µL	
GC205013	Agarose (Electrophoresis-grade, low EEO)	100 g	High purity and low electroosmosis for DNA gel recovery.

DNA Marker

Cat. No.	Name	Spec.	Note
G3360-01	GN3K DNA Marker	500 µL	Grouped by 8 linear double-stranded DNA bands (including 100 bp, 250 bp, 500 bp , 750 bp, 1000 bp, 1500 bp, 2000 bp, 3000 bp)
G3360-05	GN3K DNA Marker	5×500 µL	
G3361-01	GN5K DNA Marker	500 µL	Grouped by 9 linear double-stranded DNA bands (including 100 bp, 250 bp, 500 bp , 750 bp, 1000 bp, 1500 bp, 2000 bp, 3000 bp, 5000 bp)
G3361-05	GN5K DNA Marker	5×500 µL	
G3362-01	GN8K DNA Marker	500 µL	Grouped by 10 linear double-stranded DNA bands (including 100 bp, 250 bp, 500 bp , 750 bp, 1000 bp, 1500 bp, 2000 bp, 3000 bp, 5000 bp, 8000 bp)
G3362-05	GN8K DNA Marker	5 x 500 µL	
G3363-01	GN10K DNA Marker	500 µL	Grouped by 10 linear double-stranded DNA bands (including 300 bp, 500 bp, 800 bp, 1000 bp, 1500 bp, 2000 bp , 3000 bp, 5000 bp, 7500 bp, 10000 bp)
G3363-05	GN10K DNA Marker	5×500 µL	
G3364-01	GN15K DNA Marker	500 µL	Grouped by 9 linear double-stranded DNA bands (including 500 bp, 1000 bp, 1500 bp, 2000 bp , 3000 bp, 5000 bp, 7500 bp, 10000 bp, 15000 bp)
G3364-05	GN15K DNA Marker	5×500 µL	
G3365-01	GN100bp DNA Ladder I	500 µL	Grouped by 6 linear double-stranded DNA bands (50 bp, 100 bp, 200 bp, 300 bp, 400 bp, 500 bp)
G3365-05	GN100bp DNA Ladder I	5×500 µL	
G3366-01	GN100bp DNA Ladder II	500 µL	Grouped by 7 linear double-stranded DNA bands (including 100 bp, 200 bp, 300 bp, 400 bp, 500 bp , 600 bp, 700 bp)
G3366-05	GN100bp DNA Ladder II	5 x 500 µL	

The bold part is the bright band size

NUCLEIC ACID ELECTROPHORESIS

NUCLEIC ACID ELECTROPHORESIS

DNA Marker			
Cat. No.	Name	Spec.	Note
G3367-01	GN100bp DNA Ladder III	500 µL	Grouped by 10 linear double-stranded DNA bands (including 100 bp, 200 bp, 300 bp, 400 bp, 500 bp , 600 bp, 700 bp, 800 bp, 900 bp, 1000 bp)
G3367-05	GN100bp DNA Ladder III	5×500 µL	
G3368-01	GN100bp DNA Ladder III plus	500 µL	Grouped by 14 linear double-stranded DNA bands (100 bp, 200 bp, 300 bp, 400 bp, 500 bp , 600 bp, 700 bp, 800 bp, 900 bp, 1000 bp, 1500 bp, 2000 bp, 3000 bp, 5000 bp)
G3368-05	GN100bp DNA Ladder III plus	5×500 µL	
G3369-01	GN1000bp DNA Ladder	500 µL	Grouped by 12 linear double-stranded DNA bands (including 300 bp, 500 bp , 800 bp, 1000 bp, 1500 bp, 2000 bp , 3000 bp, 4000 bp, 5000 bp, 6000 bp, 8000 bp, 10000 bp)
G3369-05	GN1000bp DNA Ladder	5×500 µL	

The bold part is the bright band size

Introduction:

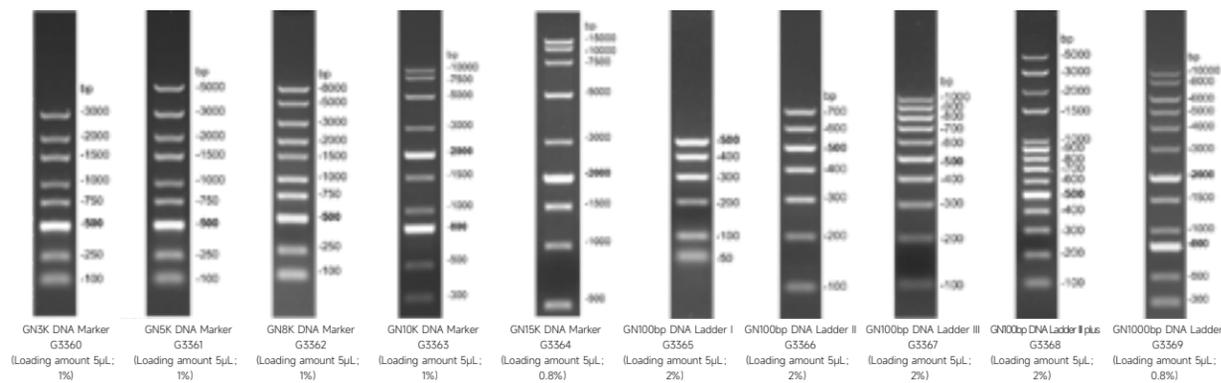
Servicebio DNA marker / ladder is a ready-to-use product, which has been mixed with 1 × DNA loading buffer can be directly taken from 5-10 µL to analyze DNA bands in agarose gel electrophoresis.

Storage:

Store at 4 °C for periods up to 12 months. For longer periods, stored at -20 °C .

Product Features:

It is easy to use, the electrophoresis band is clear, and it is convenient to accurately judge the DNA content of the target product.



NUCLEIC ACID ELECTROPHORESIS

NUCLEIC ACID ELECTROPHORESIS

RNA Marker			
Cat. No.	Name	Spec.	Note
G3371-25UL	RNA Marker 1000	25 µL	7 high-purity single-stranded RNA with lengths of 100, 200, 300, 400, 600, 800, 1000 Bases
G3372-25UL	RNA Marker 6000	25 µL	7 high-purity single-stranded RNA with lengths of 100, 200, 300, 400, 600, 800, 1000 Bases

Introduction:

Servicebio RNA marker grouped by 7 high-purified single-stranded RNA transcripts (in bases). The content of RNA in per microliter product is about 700ng, which is suitable for routine gel electrophoresis of RNA.

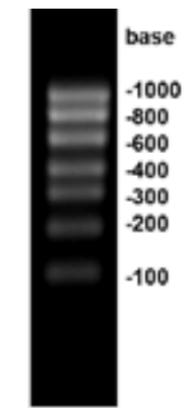
Storage:

Transport with dry ice; Stored at -80°C , valid for 12 months (short-term stored at -20°C).

Product Features:

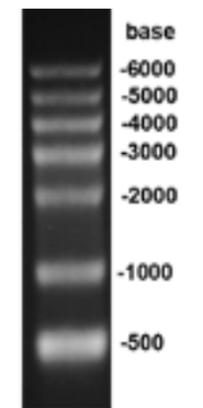
Uniform bands, high resolution, no background clutter, wide calibration range of RNA Marker.

RNA marker 1000
Cat: G3371



3% denaturing agarose gel, loading with 1.5 µL.

RNA marker 6000
Cat: G3372



2% denaturing agarose gel, loading with 1.5 µL.

Star Products

SerRed Nucleic Acid Stain

Cat. No.	Name	Spec.	Note
G3606-100UL	SerRed Nucleic Acid Stain (10000×, water-dissolvent)	100 µL	Safe, nontoxic, alternative nucleic acid dye EB
G3606-500UL		500 µL	

Introduction:

SerRed is a sensitive, stable and relatively safe fluorescent nucleic acid dye designed to replace the highly toxic ethidium bromide (EtBr) for staining dsDNA, ssDNA or RNA in agarose gels or polyacrylamide gels. The sensitivity of SerRed is much higher than EB, and destaining is not required. SerRed and EB have virtually the same spectral properties.

Storage:

Storage at room temperature protected from light for two years.

Product Features:

In agarose gel electrophoresis, the traditional nucleic acid stain EB is a strong mutagen ; acridine orange, the main component of Goldview, is a highly toxic substance.

Star Products

Agarose

Cat. No.	Name	Spec.	Note
GC205013	Agarose	100 g	High purity and low electroosmosis, which can be used for DNA recovery

Introduction:

Agarose is a linear polysaccharide, which is composed of galactose and endogalactose. Agarose is white or yellowish powder, odorless. Hot water is the best solvent and can also be dissolved in dimethyl sulfoxide and formamide solutions. Agarose is generally heated to above 90 °C to dissolve in water, and when the temperature drops to 35-40 °C, it forms a good semi-solid gel, which is the main feature and basis of its various uses. When the agarose solution is cooled, the sugar chains of two agarose molecules will be wound in a double helix manner to form a three-dimensional network structure. After further cooling, the discrete double helices will gather and closely arrange to form a harder gel. It is often used to prepare nucleic acid analysis gel, such as agarose gel for DNA or RNA electrophoresis.

Storage:

Transport at room temperature; store in a cool and dry place, valid for 24 months.

Product Features:

Use the gel recovery kit to recover the DNA in the cut gel bands. According to the product manual of the kit, the recommended melting temperature of the strip is 60 ± 5 °C.

CAS	9012-36-6
Format	White to off-white powder
Gel strength	≥ 1200 g/cm ² (1% Gel)
Gelling temperature	36±1.5°C (1.5% Gel)
Melting temperature	88±1.5°C (1.5% Gel)
Electroosmotic value	≤ 0.13
Sulfate	≤ 0.15%
Moisture	≤ 10%
DNase	None Detected
RNase	None Detected
Protease	None Detected



NUCLEIC ACID AMPLIFICATION

NUCLEIC ACID AMPLIFICATION

qPCR Series				
Cat. No.	Name	Spec.	Note	
G3326-01	2×Universal Blue SYBR Green qPCR Master Mix	1 mL	Applicable to all qPCR machines	
G3326-05		5×1 mL		
G3326-15		15×1 mL		
G3327-01	2×Universal Blue Probe qPCR Master Mix	1 mL		
G3327-05		5×1 mL		
G3327-15		15×1 mL		
G3328-01	2×Universal Blue SYBR Green qPCR Master Mix (with UDG)	1 mL		
G3328-05		5×1 mL		
G3328-15		15×1 mL		
G3320-01	2 × SYBR Green qPCR Master Mix (None ROX)	1 mL		ABI Thermo life PikoReal™ Cyclers; Stratagene Mx3000P®/3005P™ /4000™ Bio-Rad Series; Eppendorf RMastercycler2lser® ep realplex; Illumina Eco QPCR; Cepheid SmartCycler®; Qiagen Corbett Rotor-Gene® Series; Roche LightCycler™ Series; Takara Thermal Cycler Dice Series; Analytikjena qTOWER Series; Hangzhou Bioer LineGene Series;
G3320-05		5 mL		
G3320-15		15 mL		
G3321-01	2 × SYBR Green qPCR Master Mix (Low ROX)	1 mL		ABI Thermo life 7500/7500 Fast ViiA 7™ QuantStudio™ Series Stratagene Mx3000P®/3005P™ /4000™
G3321-05		5 mL		
G3321-15		15 mL		
G3322-01	2 × SYBR Green qPCR Master Mix (High ROX)	1 mL	ABI Thermo life 5700/7000/7300/7700/7900/7900HT/7900 HT Fast, StepOne™ StepOne Plus™	
G3322-05		5 mL		
G3322-15		15 mL		
G3323-01	2 × Fast SYBR Green qPCR Master Mix (None ROX)	1 mL	ABI Thermo life PikoReal™ Cyclers; Stratagene Mx3000P®/3005P™ /4000™ Bio-Rad Series; Eppendorf RMastercycler2lser® ep realplex; Illumina Eco QPCR; Cepheid SmartCycler®; Qiagen Corbett Rotor-Gene® Series; Roche LightCycler™ Series; Takara Thermal Cycler Dice Series; Analytikjena qTOWER Series; Hangzhou Bioer LineGene Series;	
G3323-05		5 mL		
G3323-15		15 mL		
G3324-01	2 × Fast SYBR Green qPCR Master Mix (Low ROX)	1 mL	ABI Thermo life 7500/7500 Fast ViiA 7™ QuantStudio™ Series Stratagene Mx3000P®/3005P™ /4000™	
G3324-05		5 mL		
G3324-15		15 mL		
G3325-01	2 × Fast SYBR Green qPCR Master Mix (High ROX)	1 mL	ABI Thermo life 5700/7000/7300/7700/7900/7900HT/7900 HT Fast, StepOne™, StepOne Plus™	
G3325-05		5 mL		
G3325-15		15 mL		

NUCLEIC ACID AMPLIFICATION

NUCLEIC ACID AMPLIFICATION

Reverse Transcription Series

Cat. No.	Name	Spec.	Note
G3330-100	SweScript RT I First Strand cDNA Synthesis Kit	100 rxns	The fastest is 15min, 42-55 °C , and the cDNA with a length of more than 10k is synthesized.
G3330-50		50 rxns	
G3331-100	SweScript RT I First Strand cDNA Synthesis Kit (With gDNA Remover)	100 rxns	Containing gDNA remover can simplify the design of qPCR primers and improve the reliability of results.
G3331-50		50 rxns	
G3332-100	SweScript RT II First Strand cDNA Synthesis Kit	100 rxns	The fastest 5min, 42-65 °C , especially suitable for complex structure RNA.
G3332-50		50 rxns	
G3333-100	SweScript RT II First Strand cDNA Synthesis Kit (With gDNA Remover)	100 rxns	Containing gDNA remover can simplify the design of qPCR primers and improve the reliability of results.
G3333-50		50 rxns	
G3334-25	miRNA First Strand CDNA Synthesis Kit (Tailing reaction)	25 rxns	cDNA Tailing and reverse transcription and efficient synthesis of multiple miRNA First Chains.
G3335-100	SweScript One-Step RT-PCR Kit	100 rxns	No need to add any reagent, just add RNA template, target gene primer and water, which can effectively reduce the risk of pollution.
G3335-50		50 rxns	
G3336-50	SweScript First Strand cDNA Synthesis SuperMix for PCR cDNA	50 rxns	The first strand cDNA of at least 15 KB can be synthesized in the range of 42 °C - 55 °C .
G3337-100	SweScript All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Remover) cDNA	100 rxns	The genomic residues of the template were removed while the reverse reaction was carried out.
G3337-50		50 rxns	
G3408-50UL	dsDNase (Thermolabile)	50 µL	Heat sensitive, safe and rapid removal of genomic DNA

PCR Series

Cat. No.	Name	Spec.	Note
G3026-01	dNTP Mixture (10 mM each)	1 mL	It can be directly used for PCR, RT-PCR, real time PCR, DNA sequencing, DNA labeling, etc
G3026-05		5×1 mL	
G3027-01	dNTP Mixture (2.5 mM each)	1 mL	It can be directly used in PCR, RT-PCR, real time PCR, DNA sequencing, DNA labeling and other molecular biology experiments
G3027-05		5×1 mL	
G3302-01	2×Taq PCR Master Mix	1 mL	The amplified product has a "A" base at the 3' end and can be directly used for TA cloning
G3302-05		5×1 mL	
G3304-01	2 x Fast sTaq PCR Master Mix	1 mL	Conventional PCR, colony (liquid) PCR, amplification product 3'end band "a" base
G3304-05		5×1 mL	
G3305-01	2 x Fast Pfu PCR Master Mix	1 mL	Conventional PCR, colony PCR, complex template PCR, high GC template PCR
G3305-05		5×1 mL	

NUCLEIC ACID AMPLIFICATION

NUCLEIC ACID AMPLIFICATION

PCR Series

Cat. No.	Name	Spec.	Note
G3306-01	2×Fast High Fidelity PCR Master Mix	1 mL	Suitable for PCR amplification of conventional PCR, colony PCR, complex template and high GC content template
G3306-05		5×1 mL	
G3307-01	2×LA PCR Master Mix	1 mL	The amplified product has a "A" base at the 3' end and can be directly cloned in T-vector
G3307-05		5×1 mL	
G3310-100T	Animal Tissue Direct PCR Kit	100 T	It can be directly used as a template for PCR amplification with simple operation
G3310-500T		500 T	
G3311-100T	Mouse Genotyping Kit	100 T	Suitable for amplification of target genes within 2 kb
G3311-500T		500 T	

NUCLEIC ACID AMPLIFICATION PCR SERIES

NUCLEIC ACID AMPLIFICATION PCR SERIES

Features	Routine PCR		High Fidelity PCR		Special PCR		
	General PCR	Rapid PCR	Medium fidelity	Ultra High Fidelity	Long Fragment Amplification	Direct Expansion of Animal Tissue	Direct expansion of mouse genotyping
	G3302	G3304	G3305	G3306	G3307	G3310	G3311
	2×Taq PCR Master Mix	2 x Fast sTaq PCR Master Mix	2 x Fast Pfu PCR Master Mix	2×Fast High Fidelity PCR Master Mix	2×LA PCR Master Mix	Animal Tissue Direct PCR Kit	Mouse Genotyping Kit
Fidelity Compared with Taq	1×	1×	50×	10×	6×	/	/
Amplification length	≤ 8 kb	≤ 10 kb	< 12 kb	< 12 kb	≤ 30 kb	< 3 kb	< 2 kb
Extension Length	1 min/kb	10 s/kb	10 s/kb	10 s/kb	10 s/kb	10 s/kb	10 s/kb
Product Terminal Structure	3'A	3'A	Blunt ends	Blunt ends	3'A/ Blunt ends	/	/
5' → 3' Exonuclease Activity	✓	✓			✓	/	/
3' → 5' Exonuclease Activity			✓	✓	✓	/	/
Routine PCR	✓✓	✓✓	✓	✓	✓		
Colony PCR	✓✓	✓✓					
High Fidelity PCR			✓	✓✓	✓		
Rapid Amplification		✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
Long Fragment Amplification				✓✓			
Contains GC template		✓✓	✓✓	✓✓	✓✓		
Amplification without DNA extraction						✓✓	✓✓

Star Products

qPCR Master Mix

Cat. No.	Name	Spec.	Note
G3326-01	2 × Universal Blue SYBR Green qPCR Master Mix	1 mL	Color tracing without adjusting ROX concentration, applicable to all qPCR models
G3326-05		5×1 mL	
G3326-15		15×1 mL	

Introduction:

2×Universal Blue SYBR Green qPCR Master Mix is a universal ready-to-use 2× mixture optimized for quantitative real-time PCR and two-step real-time RT-PCR.

The master mix contains hot start Taq DNA polymerase and dNTPs in an optimized PCR buffer. It contains double-stranded DNA (dsDNA) binding dye and special ROX passive reference dye. Only DNA template and primers need to be added. The core component, hot start Taq DNA Polymerase can effectively inhibit nonspecific amplification under low temperature conditions. Meanwhile, combined with the optimized reaction Buffer, this product is very suitable for high specificity and sensitivity qPCR reaction. A good standard curve can be obtained in a wide quantitative area, which is accurate, reproducible and reliable for the quantitative analysis of target genes.

Storage:

Wet ice transportation; Stored at -20°C in the dark. Valid for 12 months.

REVERSE TRANSCRIPTION SERIES

REVERSE TRANSCRIPTION SERIES

Cat. No.	Name	Spec.	Note
G3330-100	SweScript RT I First Strand cDNA Synthesis Kit	100 rxns	The fastest is 15min, 42-55 °C , and the cDNA with a length of more than 10k is synthesized
G3330-50		50 rxns	
G3331-100	SweScript RT I First Strand cDNA Synthesis Kit (Removal of genomic DNA)	100 rxns	The fastest time was 15 min, 42-55 °C , and the cDNA of more than 10 KB was synthesized; Including the reagent for removing genomic DNA, which simplifies the design of qPCR primers and improves the reliability of the results
G3331-50		50 rxns	
G3332-100	SweScript RT II First Strand cDNA Synthesis Kit	100 rxns	The fastest 5min, 42-65 °C , especially suitable for complex structure RNA
G3332-50		50 rxns	
G3333-100	SweScript RT II First Strand cDNA Synthesis Kit (Removal of genomic DNA)	100 rxns	The fastest 5min, 42-65 °C , especially suitable for complex structure RNA; Contains the reagent for removing genomic DNA, which simplifies the design of qPCR primers and improves the reliability of results
G3333-50		50 rxns	

Introduction:

This product utilizes the modified mutant reverse transcriptase to synthesize the first strand of cDNA with total RNA or mRNA as the template for efficient reverse transcription. The kit contains all the reagents needed to synthesize the first strand of cDNA with high quality, and provides two kinds of cDNA synthesis primers for choice: The Random Hexamer Primer and Oligo (dT)18 Primer. The synthesized single-stranded cDNA products can be directly used for subsequent PCR or qPCR.

Storage:

Wet ice bag transportation; Stored at -20 °C temperature, valid for 12 months.

Features:

1. Using mutant reverse transcriptase, the thermal stability and cDNA synthesis efficiency were greatly improved;
2. It can remove the DNA genome, improve the reliability of experimental results and simplify the design of qPCR primers;
3. Reverse transcriptase has no RNase H activity, and the enzyme mixture contains RNase inhibitor, which can ensure the synthesis amount and length of cDNA;
4. It contains all the reagents required for efficient cDNA synthesis, and the primers can be flexibly selected as required.

Cat. No.	Name	Reverse Core Temperature	Time	Applicability	Thermal Stability and Reversal Efficiency	Template Purity After Reverse
G3330	SweScript RT I First Strand cDNA Synthesis Kit	50 °C	15-30 min	√	√	√
G3331	SweScript RT I First Strand cDNA Synthesis Kit (With gDNA Remover)	50 °C	15-30 min	√	√	√√
G3332	SweScript RT II First Strand cDNA Synthesis Kit	50 °C	5-15 min	√√	√√	√
G3333	SweScript RT II First Strand cDNA Synthesis Kit (With gDNA Remover)	50 °C	5-15 min	√√	√√	√√

Star Products

Reverse Transcription

Cat. No.	Name	Spec.	Note
G3337-100	SweScript All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Remover)	100 rxns	It can remove genomic remnants of the template while the reverse transcription reaction is performed.
G3337-50		50 rxns	

Introduction:

Use master mix (5×SweScript All-in-One SuperMix for qPCR) and gDNA remover reagents, can remove genomic remnants of the template while the reverse transcription reaction is performed. The kit contained 5×SweScript All-in-One No-RT Control SuperMix as a reverse-transcriptase-free control to determine whether the qPCR template was derived from cDNA. The master mix contains all reagents required for the reverse transcription reaction (SweScript RT, RNase Inhibitor, Random Primer, Oligo(dT)18 Primer, dNTPs and the optimized buffer system).

SweScript RT is a mutant reverse transcriptase obtained by in vitro evolutionary screening and is characterized by high thermal stability and processivity. gDNA Remover contains a thermosensitive DNase that is 30 times more active than DNase I and acts only on dsDNA and is susceptible to inactivation under high temperature conditions.

Storage:

Wet ice bag transportation; Stored at -20 °C temperature, valid for 12 months.

Features:

1. High thermal stability;
2. Strong continuous synthesis ability;
3. One step removal of gDNA and simultaneous reverse transcription with the kit;
4. The cDNA product is more suitable for qPCR and has no genomic DNA contamination.

Star Products

Animal Tissue Direct PCR Kit

Cat. No.	Name	Spec.	Note
G3310-100T	Animal Tissue Direct PCR Kit	100 T	The sample can be directly used as a template for PCR amplification, easy to operate.
G3310-500T		500 T	

Introduction:

This product is a special kit for direct PCR amplification of animal tissues. The applicable samples include fresh or frozen mammalian viscera, nails, hair, zebrafish, Drosophila, cultured cells, etc. The unique animal tissue lysis buffer A in the kit is combined with animal tissue lysis buffer B, which can quickly release genomic DNA in a small amount of tissues without genome extraction and purification.

The matched 2×Animal Tissue Direct PCR Mix (+Dye) in the kit contains all components except templates and primers. DNA polymerase has the ability of rapid amplification and anti inhibitor after modification. PCR mix also contains a variety of reaction enhancers, which can further improve the amplification efficiency and specificity of DNA polymerase.

Storage:

Wet ice bag transportation; Animal Tissue Lysis Buffer A stored at 4°C temperature, others storage at -20°C. Valid for 12 months.

Features:

1. Without genome extraction and purification, it can be directly used as a template for PCR amplification;
2. It is easy to operate, reduces sample loss and greatly shortens the time of experiment;
3. It can effectively amplify the target gene within 3 KB.

MOLECULAR CLONING

MOLECULAR CLONING

DNA Connection			
Cat. No.	Name	Spec.	Note
G3022-25T	pSWE-Topo Zero Cloning Kit	25 T	Room temperature 22-37 °C , 5min rapid transformation
G3340-100	T4 DNA Ligase (5 U/μL)	500 U	It can catalyze sticky ends or flat ends and repair single stranded cuts in DNA / RNA
G3340-50		250 U	
G3341-100	2 x Universal Ligation Mix	100 T	Ready to use type 2 x The DNA ligation of the premix was more efficient, and the reaction time was 5min at 25 °C
G3341-50		50 T	
G3350-100T	2xIn-Fusion Cloning Mix	100 T	After incubation on ice for 5min, DNA seamless cloning can be carried out efficiently and quickly
G3350-20T		20 T	
G3351-100T	2xIn-Fusion Cloning Mix Plus	100 T	Reaction at 50 °C for 15-30 min, suitable for multi fragment and large fragment DNA cloning
G3351-20T		20 T	
G3400-1000U	Alkaline Phosphatase (Thermosensitive)	1000 U	Rapid dephosphorylation

Culture Medium			
Cat. No.	Name	Spec.	Note
G3101-100ML	LB Solid Medium (dry powder)	100 mL	Widely used for culture of bacteria
G3102-100ML	LB Liquid Medium (dry powder)	100 mL	Widely used for culture of bacteria
G3103-100ML	LB Liquid Medium (sterile)	100 mL	Widely used for culture of bacteria (Autoclaved)

Anti-biotic			
Cat. No.	Name	Spec.	Note
GC301003	Penicillin G Sodium Salt	1 g	Resistance screening of recombinants
GC301004	Ampicillin Sodium	1 g	
GC301005	Streptomycin Sulfate	5 g	
GC301008	Kanamycin Sulfate	1 g	
GC301009		5 g	
GC301009-1g	Hygromycin B	1 g	
GC301011	Hereditarymycin G-418	1 g	
GC301013	Chloramphenicol	5 g	

IPTG			
Cat. No.	Name	Spec.	Note
G5042-5G	IPTG	5 g	Protein expression in bacteria commonly used for blue-white spot screening and IPTG induction

Star Products

pSWE-Topo Zero Cloning Kit

Cat. No.	Name	Spec.	Note
G3022-25T	pSWE-Topo Zero Cloning Kit	25 T	Room temperature 22-37 °C , 5min rapid transformation

Introduction:

This product is a vector for screening positive recombinants by whether the suicide gene is expressed or not. It is modified from pUC19 vector. When the target gene fragment is not connected to the vector, the suicide gene is successfully and correctly expressed, and the cell containing the vector cannot grow. When the target gene fragment is successfully attached to the vector, the suicide gene is not properly expressed and the cells containing the vector, also known as the "Zero" background vector, can grow normally.

Storage:

Wet ice bag transportation; Stored at -20°C temperature, valid for 12 months.

Features:

1. Maximum speed conversion, 5 min, room temperature (22°C -37°C). There is no need to add extra ligase, just add gene fragment;
2. The proportion of positive clones high to 99%.
3. Compatible with TA clone and flat-end clone;
4. Short and long fragment cloning;
5. Screening labeled as ampicillin;
6. Sequencing Primer: M13 Forward Primer, M13 Reverse Primer.

Component Number	Component	G3022-25T
G3022-1	pSWE-Topo Zero Vector (50 ng/μL)	25 μL
G3022-2	Control Template (700 bp, 50 ng/μL)	10 μL
G3022-3	M13 Forward Primer (10 μM)	50 μL
G3022-4	M13 Reverse Primer (10 μM)	50 μL

Star Products

2×In-Fusion Cloning Mix

Cat. No.	Name	Spec.	Note
G3350-100T	2×In-Fusion Cloning Mix	100 T	After incubation on ice for 5 mins, DNA seamless cloning can be carried out efficiently and quickly
G3350-20T		20 T	

Introduction:

2 × In-fusion cloning mix can clone a single or 2-3 multiple fragments into a vector by rapid directional ligation, especially suitable for single fragment ligation, and the efficiency of 2-3 fragment ligation will be reduced. The vector was linearized in any way, and the terminal sequence of the linearized vector was introduced at the 5'end of the DNA fragment forward / reverse amplification primer inserted into the linearized vector, so that the 5' and 3'ends of the PCR amplification products carried sequences (15-25 bp) consistent with the ends of the linearized vector, respectively. In 2 × In-fusion cloning mix premix, mix the PCR product and the linearized vector with the same sequence at both ends of the linearized vector in a certain proportion, and then incubate on ice (or in ice water mixture) for 5 min to transform competent cells and complete directional cloning.

This premix can realize efficient and rapid seamless cloning of DNA, and can be used for the construction of recombinant plasmids or gene point mutation recombinant plasmids. The premix does not depend on the ligase system, greatly reducing the background of vector self ligation, and does not need to consider the restriction enzyme sites contained in the inserted fragments. For the construction of single fragment DNA recombinant plasmid, the proportion of positive clones obtained by using this premix was as high as 99%. The use of this premix does not depend on constant temperature equipment, and all the operations from DNA sample preparation to transformation coating plate culture of recombinant products can be completed within a few hours, which greatly saves time.

Storage:

Wet ice bag transportation; Stored at -20 °C temperature, valid for 12 months.

Features:

1. The premix does not depend on the ligase system, greatly reducing the background of vector self ligation, and does not need to consider the restriction enzyme sites contained in the inserted fragments
2. For the construction of single fragment DNA recombinant plasmid, the proportion of positive clones obtained by using this premix was as high as 99%.
3. The use of this premix does not depend on constant temperature equipment, and all the operations from DNA sample preparation to transformation coating plate culture of recombinant products can be completed within a few hours, which greatly saves time.

RNA SYNTHESIS

RNA SYNTHESIS

Cat. No.	Name	Spec.	Note
G3021-50T	T7 High Yield Transcription Kit	50 T	It is used for in vitro translation, RNase protection experiments, hybridization probe labeling, RNA shearing and other biological experiments.
G3420-100U	Inorganic Pyrophosphatase (E.coli)	100 U	Increase the production of in vitro transcribed RNA, increase the production of DNA in PCR reaction, and remove PPI contamination in reagents for SNP genotyping using pyrophosphate assay.
G3421-200U	Inorganic Pyrophosphatase (Thermostable)	200 U	

Star Products

T7 High Yield Transcription Kit

Introduction:

This kit uses T7 RNA polymerase to transcribe and synthesize RNA in vitro using linearized plasmid DNA containing T7 promoter, PCR product or synthesized DNA as template and NTP as substrate. This kit is mainly used for in vitro translation, RNase protection experiments, hybridization probe labeling, RNA shearing and other biological experiments.

Storage:

Wet ice bag transportation; Stored at -20 °C temperature, valid for 12 months.

Features:

This kit optimizes the RNA in vitro transcription reaction system and can obtain a large number of RNA molecules simply and quickly. If modified nucleotides are added to the substrate during transcription, biotin or dye labeled RNA can be prepared. In the reaction system, 1 µg of template input can produce more than 100 µg of RNA, which is suitable for preparing RNA with a length of 100-5000 nt.

Star Products

Inorganic Pyrophosphatase

Cat. No.	Name	Spec.	Note
G3420-100U	Inorganic Pyrophosphatase (E.coli)	100 U	Increase the production of in vitro transcribed RNA, increase the production of DNA in PCR reaction, and remove PPI contamination in reagents for SNP genotyping using pyrophosphate assay.
G3421-200U	Inorganic Pyrophosphatase (Thermostable)	200 U	

Introduction:

This product is an inorganic pyrophosphatase (PPase) derived from *Thermococcus litoralis*. It is an enzyme that catalyzes the conversion of one molecule of pyrophosphate into two molecules of phosphate ions ($P_2O_7^{4-} + H_2O + PPase \rightarrow 2HPO_4^{2-}$). The reaction catalyzed by PPase is a high energy release reaction. Under natural conditions, PPase can provide thermodynamic power for the biosynthesis of protein, RNA and DNA, and play a role in the biotransformation process such as lipid metabolism and calcium absorption.

Storage:

Wet ice bag transportation; Stored at -20 °C temperature, valid for 12 months.

Features

Application	Increase the output of in vitro transcribed RNA, to increase the output of DNA in PCR reaction, and to remove PPI pollutants in the reagents for SNP genotyping by pyrophosphate assay.
Source	From <i>Thermococcus litoralis</i> , recombinant expression in <i>E.coli</i> .
Definition of enzyme activity	Under standard reaction conditions, hydrolysis of PPI per minute produces 1 μ Mol PI was defined as one enzyme activity unit. (standard reaction conditions: 500 μ L system contained 100 mM Tris HCl, 2 mM MgCl ₂ , 2 mM PPI, pH 8.0; Reaction at 25 °C for 10 min)
Purity and concentration	SDS-PAGE detection purity ≥ 95%; 1 U/ μ L
Enzyme storage buffer	20 mM Tris-HCl, 100 mM NaCl, 1 mM DTT, 0.1 mM EDTA, 50% Glycerol, pH 8.0

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Cat. No.	Name	Spec.
G3041-500UL	U6 Forward PCR Primer (for miRNA qRT-PCR)	500 μL
G3042-500UL	Universal Reverse PCR Primer (for miRNA qRT-PCR)	500 μL

Cat. No.	Gene Name	Species	Sequence No.	Primer Name	Sequence (5'-3')	Product length	Spec.
GYW00001	H-ACTIN	H	NM_001101	H-ACTIN-S	CACCCAGCACAAATGAAGATCAAGAT	317	10D
				H-ACTIN-A	CCAGTTTTTAAATCCTGAGTCAAGC		
GYW00018	H-α-SMA	H	NM_001141945.2	H-α-SMA-S	CAATGTCCTATCAGGGGGCAC	209	10D
				H-α-SMA-A	CGGCTTCATCGTATTCTGT		
GYW00002	H-beclin1	H	NM_003766.3	H-beclin1-S	GAGCCATTATTGAAACTCCTCG	162	10D
				H-beclin1-A	CCCAGTGACCTTCAGTCTTCG		
GYW00006	M-FOXP3	M	NM_001199347.1	M-FOXP3-S	AGAGCCCTCACAACCAGCTA	209	10D
				M-FOXP3-A	CCAGATGTTGTGGGTGAGTG		
GYW00003	H-GAPDH	H	NM_002046	H-GAPDH-S	GGAAGCTTGTCATCAATGGAAATC	168	10D
				H-GAPDH-A	TGATGACCCTTTTGGCTCCC		
GYW00007	M-GAPDH	M	NM_008084.2	M-GAPDH-S	CCTCGTCCCGTAGACAAAATG	133	10D
				M-GAPDH-A	TGAGGTCAATGAAGGGGTCTG		
GYW00012	R-GAPDH	R	NM_017008.4	R-GAPDH-S	CTGGAGAACTGCCAAGTATG	138	10D
				R-GAPDH-A	GGTGAAGAATGGGAGTTGCT		
GYW00013	R-IFNG	R	NM_138880.2	R-IFNG-S	GGTGAACAACCCACAGATCCAG	96	10D
				R-IFNG-A	CTTTTCCGCTTCTTAGGCTAG		
GYW00008	M-MYD88	M	NM_010851	M-MYD88-S	TGACCCCACTCGCAGTTTGT	222	10D
				M-MYD88-A	TTTGTGTTGTTGGGACTGCTTTC		
GYW00004	H-nrf2	H	NM_001145412.3	H-nrf2-S	AGCCCAGCACATCCAGTCAAG	157	10D
				H-nrf2-A	AAACGTAGCCGAAGAAACCTCA		
GYW00009	M-NLRP3	M	NM_001359638.1	M-NLRP3-S	TAAGAACTGTCATAGGGTCAAAAACG	146	10D
				M-NLRP3-A	GTCTGGAAGAACAGGCAACATG		
GYW00005	H-OCLN	H	NM_001205254.2	H-OCLN-S	TTCTATAAATCCACGCCGG	109	10D
				H-OCLN-A	TGTCTCAAAGTTACCACCGCTG		
GYW00010	M-p38	M	NM_001168508.1	M-p38-S	TGAGCCTGTTGCTGACCCTTAT	143	10D
				M-p38-A	CAGGTGCTCAGGACTCCATTTTC		
GYW00056	H-TF	H	NM_001063.4	H-TF-S	CCACAGAACAACCTGGGGAAA	124	10D
				H-TF-A	CCAGGTGGCAGTTCCGATA		
GYW00053	H-TGFBR1	H	NM_001130916.3	H-TGFBR1-S	ATCCTTCAAACGTGCTGACATC	320	10D
				H-TGFBR1-A	TGCCTTCTGTTGACTGAGTTG		
GYW00052	H-TGFBR3	H	NM_001195683.2	H-TGFBR3-S	TGGTGTCTGAGGGTTCTGTGG	163	10D
				H-TGFBR3-A	TTCTTGCTATCTTGAGTTCCGGTG		
GYW00055	H-TGFB1	H	NM_000660.7	H-TGFB1-S	CAGCAACAATTCCTGGCGATA	139	10D
				H-TGFB1-A	GCTAAGGCGAAAGCCCTCAAT		
GYW00054	H-TGFB3	H	NM_001329938.1	H-TGFB3-S	GAAGAGGGTGAAGCCATTAGG	263	10D
				H-TGFB3-A	TAGGGCAGACAGCCAGTTCGT		

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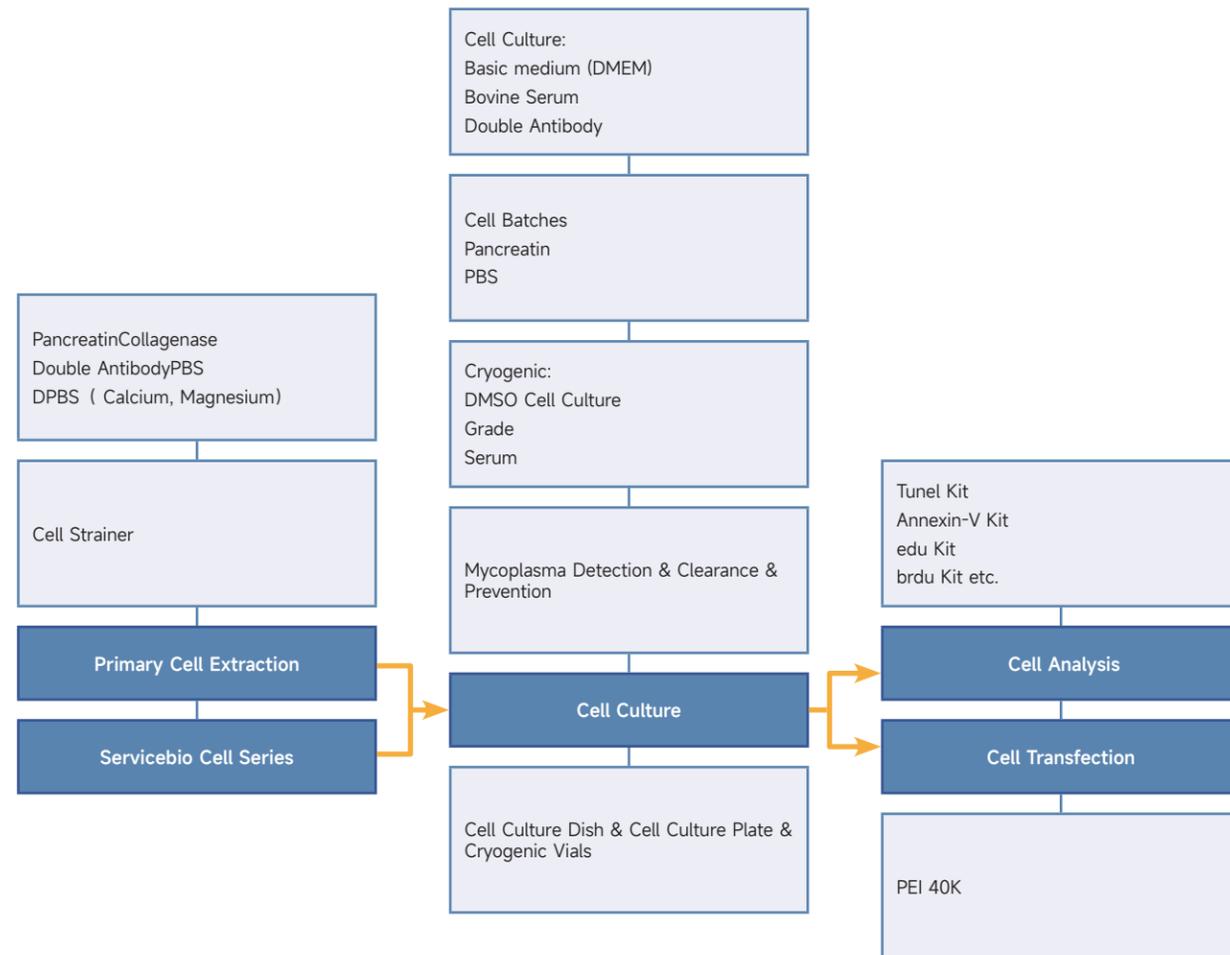
Cat. No.	Gene Name	Species	Sequence No.	Primer Nme	Sequence (5'-3')	Product length	Spec.
GYW00051	H-TIMP1	H	NM_003254.3	H-TIMP1-S	CAATCCGACCTCGTCATCAG	197	10D
				H-TIMP1-A	GGTTGTGGGACCTGTGGAAGTA		
GYW00050	H-TIMP2	H	NM_003255.4	H-TIMP2-S	AAGGAAGTGGACTCTGGAAACG	272	10D
				H-TIMP2-A	CTCTTCTTCTGGGTGGTGCTCA		
GYW00049	H-timp3	H	NM_000362.5	H-timp3-S	TGCTGACAGGTCGCGTCTATG	154	10D
				H-timp3-A	GGCAGGTAGTAGCAGGACTTGATC		
GYW00048	H-TLR1	H	NM_003263.4	H-TLR1-S	AGGCCCTCTTCTCGTTAGA	250	10D
				H-TLR1-A	GGAACGTGGATGAGACCGTT		
GYW00047	H-TLR2	H	NM_003264.3	H-TLR2-S	TTGTGACCGCAATGGTATCTG	100	10D
				H-TLR2-A	GTTGTGGACAGGTCAAGGCT		
GYW00046	H-TLR4	H	NM_003266.3	H-TLR4-S	TCCCTCCAGGTTCTTGATTACAG	219	10D
				H-TLR4-A	GCCCTGCTTATCTGAAGGTGTT		
GYW00045	H-TLR5	H	NM_003268.6	H-TLR5-S	AACTTTAGCAATGCCATCAGC	284	10D
				H-TLR5-A	TGGAGGTTGTCAAGTCCGTAA		
GYW00044	H-TLR6	H	NM_006068.5	H-TLR6-S	TGACATGAGCTTTCTATCAGAGTTG	265	10D
				H-TLR6-A	CAGCTTCATAGCACTCAATCCC		
GYW00043	H-TLR9	H	NM_017442.4	H-TLR9-S	ACTGGCTGTTCTGAAAGTCTGTG	254	10D
				H-TLR9-A	CAGGTTTAGCTCTCCAGGGTG		
GYW00042	H-TMEM26	H	NM_178505.8	H-TMEM26-S	GCTGCTCAACCTCTTGCTCTT	200	10D
				H-TMEM26-A	CTTTTCTGCTGGTATTCTGTGATG		
GYW00041	H-TNFa	H	NM_000594.3	H-TNFa-S	GCTGCACTTTGGAGTGATCG	252	10D
				H-TNFa-A	ATGAGGTACAGGCCCTCTGA		
GYW00040	H-TOP2A	H	NM_001067.4	H-TOP2A-S	CCTTCTATGGTGGATGGTTTGA	215	10D
				H-TOP2A-A	ATGGGCTGCAAGAGGTTTAGAT		
GYW00039	H-TRAF1	H	NM_001190945.2	H-TRAF1-S	CCCATCTGTCGCTCTTCATCGT	126	10D
				H-TRAF1-A	AGGCGTCAATGGCGTGCT		
GYW00038	H-TRAF6	H	NM_004620.4	H-TRAF6-S	ATCCATGACCAGAAGTGCCTTT	180	10D
				H-TRAF6-A	TAGGTGGCGTGCCAAGTGA		
GYW00037	H-trkB	H	NM_001007097.3	H-trkB-S	TTACCCGAAACAACTGACGAG	142	10D
				H-trkB-A	GGACTGGATTAGCCTCTTGGA		
GYW00036	H-TRPV1	H	NM_018727.5	H-TRPV1-S	TTCAGCCACCTCAAGGAGTATGT	222	10D
				H-TRPV1-A	ATTCTTCCCGTCTTCAATCAGC		
GYW00035	H-TRPV4	H	NM_001177428.1	H-TRPV4-S	AAGATTGAGAACCGCCACGA	151	10D
				H-TRPV4-A	GGTAGTAGGCGGTGAGAGTGAAG		
GYW00034	H-TUBB3	H	NM_001197181.2	H-TUBB3-S	AGCAGCTACTTCGTGGAGTGGAT	253	10D
				H-TUBB3-A	ACTCGGACACCAGGTCGTTTCAT		
GYW00033	H-UCP2	H	NM_003355.2	H-UCP2-S	TGGAGGTGGTCGAGATAACC	220	10D
				H-UCP2-A	CCCAAAGGCAGAAGTGAAGTG		
GYW00032	H-ULK1	H	NM_003565.4	H-ULK1-S	CCTACACGCCATCTCCTCAAGT	194	10D
				H-ULK1-A	GACGTGCAAGTCAGACAGGTTG		
GYW00031	H-USP15	H	NM_001252078.2	H-USP15-S	CCAGACAGCACCATTGAGGAT	124	10D
				H-USP15-A	AATTGGATGCACCTGGGGAC		
GYW00030	H-USP25	H	NM_001283041.3	H-USP25-S	CCTGTTGACGATATTGACGCTAGT	132	10D
				H-USP25-A	GGCAGCAACTGATGAAGGTGA		

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Cat. No.	Gene Name	Species	Sequence No.	Primer Nme	Sequence (5'-3')	Product length	Spec.
GYW00029	H-USP30	H	NM_001301175.2	H-USP30-S	CCTGGAGCAGCAGTCAGAAATA	181	10D
				H-USP30-A	AAGGCTATCAAAGGTATCAAATCG		
GYW00028	H-USP4	H	NM_001251877.2	H-USP4-S	TCCTGGCCAATAGACAACCTC	116	10D
				H-USP4-A	GTTTATCCACGCCTCGGTAG		
GYW00026	H-vegfr1	H	NM_001159920.2	H-vegfr1-S	GCACCTTGGTTGTGGCTGA	155	10D
				H-vegfr1-A	CTCTCCTCCGTCGGCATT		
GYW00025	H-vimentin	H	NM_003380.5	H-vimentin-S	GGAGGAGATGCTTCAGAGAGAG	158	10D
				H-vimentin-A	GGATTCCTCTTCGTGGAGTTTC		
GYW00027	H-vinculin	H	NM_003373.4	H-VCL-S	TCAGACCTGCTCCTACCTTCG	247	10D
				H-VCL-A	GCAACTCTTTCACGGTGTTCAT		
GYW00024	H-WIF1	H	NM_007191.5	H-WIF1-S	TGTTCAAAGCCTGTCTGCGA	97	10D
				H-WIF1-A	AGTGTCTTCCATGCCAACCTTC		
GYW00023	H-XBP1	H	NM_001079539.1	H-XBP1-S	ATGGATTCTGGCGGATTGACT	176	10D
				H-XBP1-A	AGAGAAAGGGAGGCTGGTAAGG		
GYW00022	H-YAP1	H	NM_001130145.3	H-YAP1-S	TGAGAACAATGACGACCAATAGC	218	10D
				H-YAP1-A	TTCAAGGTAGTCTGGGAAACGG		
GYW00021	H-YM1	H	NM_001276.4	H-YM1-S	CTCTGGCTTCTTCTGAGACTGGT	204	10D
				H-YM1-A	CGCTTTCCTGGTCGTCGTAT		
GYW00020	H-ZEB1	H	NM_001128128.3	H-ZEB1-S	CGCAGTCTGGGTGTAATCGTAA	231	10D
				H-ZEB1-A	ATGTCTTGAATCCTGTTCTTGGTC		
GYW00019	H-ZO2	H	NM_001170414.2	H-ZO2-S	AGCAGAGCGAACGAAGAGTATGG	101	10D
				H-ZO2-A	TCGTGAAGGTTGCCATCTTATGTT		
GYW00014	R- α -SMA	R	NM_031004.2	R- α -SMA-S	ACCATCGGGAATGAACGCTT	191	10D
				R- α -SMA-A	CTGTCAGCAATGCCTGGGTA		
GYW00011	M- β -actin	M	NM_007393.3	M- β -actin-S	GTGACGTTGACATCCGTAAGA	287	10D
				M- β -actin-A	GTAACAGTCCGCCTAGAAGCAC		
GYW00015	R- β -actin	R	NM_031144	R- β -actin-S	TGCTATGTTGCCCTAGACTTCG	240	10D
				R- β -actin-A	GTTGGCATAGAGGCTTTACGG		
GYW00016	R- β -catenin	R	NM_053357.2	R- β -catenin-S	TGCCATGTTCCCTGAGACACTAG	230	10D
				R- β -catenin-A	CAGCAGCTTTATTAACGACCACCT		
GYW00017	H- β -catenin	H	NM_001098209.2	H- β -catenin-S	GCTGAAGGTGCTATCTGTCTGC	171	10D
				H- β -catenin-A	CCTTCCATCCCTTCTGTTTAG		

CELL EXPERIMENTAL & PRODUCTS



CELL CULTURE

CELL CULTURE

DMEM/High Glucose		
Cat. No.	Name	Spec.
G4510-500ML	DMEM/High Glucose	500 mL
G4511-500ML	DMEM/High Glucose, GlutaPlus, Pyruvate, no HEPES	500 mL
G4512-500ML	DMEM/High Glucose, GlutaPlus, HEPES, no Pyruvate	500 mL
G4514-500ML	DMEM/High Glucose, no L-Glutamine	500 mL
G4515-500ML	DMEM/High Glucose, HEPES, L-Glutamine, Sodium Pyruvate	500 mL
G4516-500ML	DMEM High Glucose, HEPES	500 mL
G4517-500ML	DMEM High Glucose, HEPES, Sodium Pyruvate	500 mL
G4523-500ML	DMEM/High Glucose, GlutaPlus, no HEPES, no Pyruvate	500 mL
G4524-500ML	DMEM/High Glucose, GlutaPlus, 1.5 g/L Sodium Bicarbonate	500 mL

Popular Products

DMEM/High Glucose, L-glutamine

Cat. No.	Name	Spec.
G4510-500ML	DMEM/High Glucose, L-glutamine	500 mL

Introduction:

DMEM (Dulbecco's Modified Eagle Medium) is one of the most commonly used basal media for supporting the growth of many different mammalian cells. DMEM is unique from other media as it contains 4 times the concentration of amino acids and vitamins than the original Eagle's Minimal Essential Medium. Servicebio DMEM media preparations are available in high or low glucose or no glucose formulations, as well as with or without L-glutamine and sodium pyruvate. Servicebio DMEM media include phenol red as a pH indicator. All available DMEM media products contain a sodium bicarbonate buffer with or without HEPES to maintain optimal culture pH.

DMEM is suitable for primary fibroblasts, neurons, glial cells, HUVECs, and smooth muscle cells, as well as cell lines such as Hela, 293, Cos-7 and PC-12. DMEM contains no proteins, lipids, or growth factors. Therefore, DMEM requires supplementation, commonly with 10% Fetal Bovine Serum (FBS). DMEM uses a sodium bicarbonate buffer system (3.7 g/L), and therefore requires a 5-10% CO2 environment to maintain physiological pH.

All raw material components used for Servicebio cell culture media products are screened through using strict quality control testing. Servicebio cell culture media are manufactured at a cGMP-compliant facility using water for injection, filtered through final 0.1 µm sterile filtration and aseptically filled in a Hundred-stage FFU. The filter integrity tests are performed before and after filtration. Each lot of cell culture media are subjected to sterility test, pH, osmolality, endotoxin and cell culture test.

The major character of this DMEM is as follows:

- With High Glucose, 4.0 mM L-glutamine, 1.0 mM sodium pyruvate, phenol red.
- Without HEPES.

The complete formulation is available.

Storage:

Storage conditions: 2°C to 8°C , protect from light

Shipping conditions: Room temperature.

Shelf life: 12 months from date of manufacture



CELL CULTURE

CELL CULTURE

DMEM/Low Glucose		
Cat. No.	Name	Spec.
G4520-500ML	DMEM/Low Glucose, L-Glutamine	500 mL
G4521-500ML	DMEM/Low Glucose, HEPES	500 mL

Popular Products

DMEM/Low Glucose, L-glutamine

Cat. No.	Name	Spec.
G4520-500ML	DMEM/Low Glucose, L-glutamine	500 mL

Introduction:

DMEM (Dulbecco's Modified Eagle Medium) is one of the most commonly used basal medium for supporting the growth of many different mammalian cells. DMEM is unique from other media as it contains 4 times the concentration of amino acids and vitamins than the original Eagle's Minimal Essential Medium. DMEM was originally formulated with low glucose (1.0 g/L) and sodium pyruvate, but is often used with higher glucose levels, with or without sodium pyruvate. Servicebio DMEM media include phenol red as a pH indicator. All available DMEM media products contain a sodium bicarbonate buffer with or without HEPES to maintain optimal culture pH.

DMEM is suitable for primary fibroblasts, neurons, glial cells, HUVECs, and smooth muscle cells, as well as cell lines such as HeLa, 293, Cos-7 and PC-12. DMEM contains no proteins, lipids, or growth factors. Therefore, DMEM requires supplementation, commonly with 10% Fetal Bovine Serum (FBS). DMEM uses a sodium bicarbonate buffer system (3.7 g/L), and therefore requires a 5-10% CO₂ environment to maintain physiological pH.

All raw material components used for Servicebio cell culture media products are screened through using strict quality control testing. Servicebio cell culture media are manufactured at a cGMP-compliant facility using water for injection, filtered through final 0.1 µm sterile filtration and aseptically filled in a Hundred-stage FFU. The filter integrity tests are performed before and after filtration. Each lot of cell culture media are subjected to sterility test, pH, osmolality, endotoxin and cell culture test.

The major character of this DMEM is as follows:

- With Low Glucose, 4.0 mM L-glutamine, 1.0 mM sodium pyruvate, phenol red.
- Without HEPES.

The complete formulation is available.

Storage:

Storage conditions: 2°C to 8°C , protect from light

Shipping conditions: Room temperature.

Shelf life: 12 months from date of manufacture



CELL CULTURE

CELL CULTURE

MEM		
Cat. No.	Name	Spec.
G4550-500ML	MEM, NEAA	500 mL
G4551-500ML	MEM, NEAA, HEPES	500 mL
G4552-500ML	MEM, HEPES	500 mL
G4553-500ML	MEM	500 mL
G4554-500ML	α-MEM (nucleosides Solution)	500 mL
G4555-500ML	α-MEM (no nucleosides Solution)	500 mL
G4556-500ML	MEM, NEAA, GlutaPlus, no HEPES	500 mL
G4557-500ML	MEM, GlutaPlus, no HEPES	500 mL

RPMI-1640 medium		
Cat. No.	Name	Spec.
G4530-500ML	RPMI-1640 Medium, L-Glutamine	500 mL
G4531-500ML	RPMI-1640, GlutaPlus, no HEPES, Pyruvate	500 mL
G4532-500ML	RPMI-1640, GlutaPlus, HEPES, no Pyruvate	500 mL
G4533-500ML	RPMI-1640 medium, HEPES	500 mL
G4534-500ML	RPMI-1640 medium	500 mL
G4535-500ML	RPMI-1640, GlutaPlus, HEPES, Pyruvate	500 mL
G4538-500ML	RPMI-1640, no Glucose	500 mL

Popular Products

RPMI-1640 medium, L-glutamine

Cat. No.	Name	Spec.
G4530-500ML	RPMI-1640 medium, L-glutamine	500 mL

Introduction:

RPMI refers to Roswell Park Memorial Institute. RPMI-1640 medium was originally developed to culture human leukemic cells in suspension and as a monolayer. RPMI-1640 medium is unique from other media because it contains reducing glutathione and high concentrations of vitamins. Rpmi-1640 medium contains biotin, vitamin B12 and para-aminobenzoic acid, which are not found in Eagle's Minimum Essential Medium or Dulbecco's Modified Eagle Medium. In addition, inositol and choline are present in very high concentration. Servicebio RPMI-1640 media preparations are available in with glucose or no glucose formulations, as well as with or without L-glutamine and sodium pyruvate. Servicebio RPMI-1640 media include phenol red as a pH indicator. All available RPMI-1640 media products contain a sodium bicarbonate buffer with or without HEPES to maintain optimal culture pH.

RPMI-1640 medium has been found suitable for a variety of mammalian cells, including Hela, Juukat, MCF-7, PC-12, PBMC, astrocytes, and carcinomas. RPMI-1640 contains no proteins, lipids, or growth factors. Therefore, DMEM requires supplementation, commonly with 10% Fetal Bovine Serum (FBS). RPMI-1640 uses a sodium bicarbonate buffer system (2.0 g/L) and therefore requires a 5-10% CO2 environment to maintain physiological pH.

All raw material components used for Servicebio cell culture media products are screened through using strict quality control testing. Servicebio cell culture media are manufactured at a cGMP-compliant facility using water for injection, filtered through final 0.1 µm sterile filtration and aseptically filled in a Hundred-stage FFU. The filter integrity tests are performed before and after filtration. Each lot of cell culture media are subjected to sterility test, pH, osmolality, endotoxin and cell culture test.

The major character of this RPMI-1640 medium is as follows:

- With 11.1 mM Glucose, 2.05 mM L-glutamine, phenol red.
- Without sodium pyruvate and HEPES.

The complete formulation is available.



Storage:

Storage conditions: 2°C to 8°C , protect from light

Shipping conditions: Room temperature.

Shelf life: 12 months from date of manufacture

CELL CULTURE

CELL CULTURE

Ham's F-12

Cat. No.	Name	Spec.
G4562-500ML	Ham's F-12	500 mL
G4563-500ML	Ham's F-12, no L-Glutamine	500 mL

CELL CULTURE

CELL CULTURE

Ham's F-12K

Cat. No.	Name	Spec.
G4560-500ML	Ham's F-12K	500 mL
G4561-500ML	Ham's F-12K, no L-Glutamine	500 mL

DMEM/F-12

Cat. No.	Name	Spec.
G4610-500ML	DMEM/F-12	500 mL
G4611-500ML	DMEM/F-12, no L-Glutamine	500 mL
G4612-500ML	DMEM/F-12, HEPES	500 mL
G4613-500ML	DMEM/F-12, HEPES, no L-Glutamine	500 mL

Popular Products

DMEM/F-12, HEPES

Cat. No.	Name	Spec.
G4612-500ML	DMEM/F-12, HEPES	500 mL

Introduction:

DMEM/F-12 is a 1:1 mixture of DMEM and Ham's F-12, and it combines DMEM's high concentrations of glucose, amino acids, and vitamins with F-12's wide variety of components. DMEM/F-12 is widely used for supporting the growth of many different mammalian cells, including MDCK, glial cells, fibroblasts, human endothelial cells, and rat fibroblasts.

DMEM/F-12 contains no proteins, lipids, or growth factors. Therefore, DMEM/F-12 requires supplementation, commonly with 10% Fetal Bovine Serum (FBS). DMEM/F-12 uses a sodium bicarbonate buffer system and therefore requires a 5-10% CO2 environment to maintain physiological pH.

All raw material components used for Servicebio cell culture media products are screened through using strict quality control testing. Servicebio cell culture media are manufactured at a cGMP-compliant facility using water for injection, filtered through final 0.1 µm sterile filtration and aseptically filled in a Hundred-stage FFU. The filter integrity tests are performed before and after filtration. Each lot of cell culture media are subjected to sterility test, pH, osmolality, endotoxin and cell culture test.

The major character of this DMEM is as follows:

- With 17.5 mM Glucose, 2.5 mM L-glutamine, 0.5 mM sodium pyruvate, phenol red, 15 mM HEPES.

The complete formulation is available.

Storage:

Storage conditions: 2°C to 8°C , protect from light

Shipping conditions: Room temperature.

Shelf life: 12 months from date of manufacture



CELL CULTURE

CELL CULTURE

McCoy's 5A modified

Cat. No.	Name	Spec.
G4540-500ML	McCoy's 5A modified	500 mL
G4541-500ML	McCoy's 5A modified, HEPES	500 mL

Glucose-free

Cat. No.	Name	Spec.
G4527-500ML	DMEM , no Glucose, L-Glutamine	500 mL
G4528-500ML	DMEM, no Glucose	500 mL
G4538-500ML	RPMI-1640, no Glucose	500 mL

Leibovitz's L-15

Cat. No.	Name	Spec.
G4570-500ML	Leibovitz's L-15	500 mL

Other

Cat. No.	Name	Spec.
G4620-500ML	M199	500 mL
G4640-500ML	IMDM (Iscove's Modified Dulbecco's Medium)	500 mL

CELL DIGESTION

CELL DIGESTION

CELL DIGESTION

Cat. No.	Name	Spec.
G2015-500ML	Red Blood Cell Lysis Buffer	500 mL
G2097-100ML	Human peripheral blood lymphocyte separation medium	100 mL
G2098-100ML	Rat and mouse peripheral blood lymphocyte separation medium	100 mL
G2099-100ML	Rabbit peripheral blood lymphocyte separation medium	100 mL
G4001-100ML	0.25% Trypsin Digest (With EDTA ,with Phenol Red)	100 mL
G4002-100ML	0.25% Trypsin Digest (Without EDTA , Phenol Red Free)	100 mL
G4004-100ML	0.25% trypsin digestion solution (with EDTA, without phenol red)	100 mL
G4005-100ML	0.25% trypsin digestion solution (without EDTA, with phenol red)	100 mL

Popular Products

0.25% Trypsin-EDTA

Cat. No.	Name	Spec.
G4004-100ML	0.25% Trypsin-EDTA	100 mL

Introduction:

This product is widely used for cell dissociation, routine cell culture passaging and primary tissue dissociation. Servicebio 0.25% Trypsin-EDTA is made from trypsin, an irradiated mixture of proteases derived from porcine pancreas. About quality testing, Servicebio Trypsin solutions are tested for pH, osmolality, sterility and performance.

The major character of this trypsin solution is as follows:

- With 0.25% trypsin in Hank's Balanced Salt Solution.
- With 0.91 mM EDTA.
- Without phenol red.

Storage:

Storage conditions: -5°C to -2°C

Shipping conditions: Wet ice

Shelf life: 12 months from date of manufacture



BUFFER SOLUTION

BUFFER SOLUTION

CELL DIGESTION		
Cat. No.	Name	Spec.
G4200-500ML	DPBS (No Calcium No Magnesium)	500 mL
G4201-500ML	DPBS buffer containing calcium and magnesium ions	500 mL
G4202-500ML	PBS, 1×(Phosphate Buffered Saline)	500 mL
G4207-500ML	PBS, 10×(Phosphate Buffered Saline)	500 mL
G4203-500ML	HBSS Buffer (No Calcium, No Magnesium, Phenol Red Free)	500 mL
G4204-500ML	HBSS Buffer (with Calcium & Magnesium, Phenol Red Free)	500 mL
G4205-500ML	HBSS buffer (No calcium, No Magnesium, with Phenol Red)	500 mL
G4206-500ML	HBSS buffer (with Calcium & Magnesium, with Phenol Red)	500 mL
G4213-500ML	EBSS Buffer (No Calcium No Magnesium, Phenol Red Free)	500 mL
G4214-500ML	EBSS Buffer (with Calcium & Magnesium, with Phenol Red)	500 mL
G4215-500ML	EBSS Buffer (with Calcium & Magnesium, Phenol Red Free)	500 mL
G4216-500ML	EBSS Buffer (No Calcium No Magnesium, with Phenol Red)	500 mL
G4702-500ML	Physiological saline (0.9% NaCl, sterile)	500 mL

Popular Products

PBS (phosphate buffered saline), 10×

Cat. No.	Name	Spec.
G4207-500ML	PBS (phosphate buffered saline), 10×	500 mL

Introduction:

PBS (phosphate buffered saline) is a balanced salt solution used in cell culture manufacturing and upstream process development. PBS acts as a buffer to help maintain pH in cell culture media. PBS is well suited for washing cells before dissociation, transporting cells or tissue, diluting cells for counting, and preparing reagents. PBS is formulated without calcium and magnesium. This product is 10 folds concentrated forms and require dilution before use.

Servicebio balanced salt solutions are manufactured at a cGMP-compliant facility using water for injection, filtered through final 0.1 µm sterile filtration and aseptic filled in a Hundred-stage FFU. The filter integrity tests are performed before and after filtration. Each lot of PBS solutions are subjected to sterility test, pH, osmolality and endotoxin.

The major character of PBS is as follows:

- 27 mM KCl, 20 mM KH₂PO₄, 1370 mM NaCl, 100 mM Na₂HPO₄, pH 7.0-7.5@25°C after diluted to 1× PBS.
- Without calcium, magnesium, phenol red.

The complete formulation is available.

Storage:

Storage conditions: Room temperature

Shipping conditions: Room temperature

Shelf life: 24 months from date of manufacture



CELL DETECTION

CELL DETECTION

Cell Detection		
Cat. No.	Name	Spec.
G4701-500ML	Pure water for laboratory use	500 mL

Cell Apoptosis		
Cat. No.	Name	Spec.
G1501-100T	Fluorescein (FITC) Tunel Cell Apoptosis Detection Kit 100T	100 T
G1501-50T	Fluorescein (FITC) Tunel Cell Apoptosis Detection Kit 50T	50 T
G1502-100T	TMR (red) Tunel Cell Apoptosis Detection Kit 100T	100 T
G1502-50T	TMR (red) Tunel Cell Apoptosis Detection Kit 50T	50 T
G1504-100T	CF488 Tunel Cell Apoptosis Detection Kit 100T	100 T
G1504-50T	CF488 Tunel Cell Apoptosis Detection Kit 50T	50 T
G1505-100T	CF640 Tunel Cell Apoptosis Detection Kit CF640 Tunel apoptosis detection kit	100 T
G1505-50T	CF640 Tunel Cell Apoptosis Detection Kit 50T	50 T
G1507-100T	DAB (SA-HRP) Tunel Cell Apoptosis Detection Kit 100T	100 T
G1507-50T	DAB (SA-HRP) Tunel Cell Apoptosis Detection Kit 50T	50 T
G1510-50T	Annexin V-EGFP/PI Cell Apoptosis Detection Kit	50 T
G1511-50T	Annexin V-FITC/PI Cell Apoptosis Detection Kit	50 T
G1512-50T	Annexin V-PE/7-AAD Cell Apoptosis Detection Kit	50 T
G1513-50T	Annexin V-IF488/PI Cell Apoptosis Detection Kit	50 T
G1514-50T	Annexin V-IF647/PI Cell Apoptosis Detection Kit	50 T
G1700-50T	Cell Cycle and Apoptosis Kit 50T	50 T

Popular Products

Pure water for laboratory

Cat. No.	Name	Spec.
G4701-500ML	Pure water, laboratory use only	100 mL

Introduction:

This product is pure water prepared by EDI and distillation, sterilizing by 0.1µm filter membrane. The electrical conductivity is less than 5.0 µs/cm, and the endotoxin is less than 0.25 EU/mL. Cell experiments, molecular experiments, WB, IHC and other biological experiments can be used.

Storage:

Transport and store at room temperature, valid for 36 months.

Note:

- 1.The product is filtered and sterilized by 0.1µm filter membrane, and can be used directly. Please pay attention to aseptic operation during use to avoid contamination.
- 2.Please wear experimental suits and disposable gloves when operation.



CELL DETECTION

CELL DETECTION

Cell Proliferation

Cat. No.	Name	Spec.
G1601	Click-iT EdU-488 Cell Proliferation Assay Kit	100 T
G1602	Click-iT EdU-555 Cell Proliferation Assay Kit	100 T
G1603	Click-iT EdU-594 Cell Proliferation Assay Kit	100 T
G1604	Click-iT EdU-647 Cell Proliferation Assay Kit	100 T
G1609-100T	Calcein AM Cell Activity Test Reagent Kit (CCK-F) 100T	100 T
G1609-500T	Calcein AM Cell Activity Test Reagent Kit (CCK-F) 500T	500 T
G1610-100T	Lactate Dehydrogenase (LDH) Cytotoxicity Detection Kit 100T	100 T
G4101-1000T	MTT Assay Kit 1000T	1000 T
G4101-200T	MTT Assay Kit 200T	200 T
G4102-100T	BrdU Detection Kit 100T	100 µL+30 mL×4
G4102-50T	BrdU Detection Kit 50T	50 µL+30 mL×4
G4103-1ML	Cell Counting Kit-8 (CCK-8 kit) 1ML	1 mL
G4103-5ML	Cell Counting Kit-8 (CCK-8 kit) 5ML	5 mL
G4104-100T	MTT Cell Proliferation and Cytotoxicity Detection Kit 100T	100 T
G4104-500T	MTT Cell Proliferation and Cytotoxicity Detection Kit 500T	500 T
G5059-100MG	EdU (5-ethynyl-2'-deoxyuridine) 100MG	100 mg
WGB8010	BrdU 5-bromo-2-deoxyuridine	100 mg

Popular Products

MTT Cell Proliferation and Cytotoxicity Assay Kit

Cat. No.	Name	Spec.
G4104-100T	MTT Cell Proliferation and Cytotoxicity Assay Kit	100T
G4104-500T		500T

Introduction:

The MTT Cell Proliferation and Cytotoxicity Assay Kit provides a simple method for determining live cell numbers by absorbance on a microplate reader. MTT is a tetrazolium salt that is turned into a purple formazan product after reduction by mitochondrial enzymes that are only present in metabolically active live cells. The amount of formazan product generated is proportional to the number of living cells in the sample.

Determination of live cell numbers is often used to assess the rate of cell proliferation and cytotoxicity caused by drugs and cytotoxic agents. Among all non-radioactive viability assays, MTT assay is one of the most versatile and popular assays. At the end of the assay, the cells containing the formazan product are solubilized and then photometrically quantified at 570 nm.

In the traditional MTT assay, as the resulting purple compound formazan was water-insoluble, it was necessary to remove the upper layer of reaction liquid containing MTT substrate and then add DMSO to dissolve the purple compound formazan, which resulted in poor repeatability and reproducibility. This MTT Cell Proliferation and Cytotoxicity Assay Kit provides a special dissolver that can dissolve the water-insoluble formazan without removing the original MTT substrate reaction fluid.



Storage:

Transport with wet ice, stored at -20°C . the formazan solvent can be stored at 4°C protect from sunlight, valid for 12 months.

CELL DETECTION

CELL DETECTION

Cell Fluorescent Staining

Cat. No.	Name	Spec.
G1011-10ML	Hoechst 33258(4µg/mL, Ready to Use)	10 mL
G1127-1ML	Hoechst 33342 staining solution (1 mg/mL)	1 mL
G1012-100ML	DAPI staining reagent (2µg/mL, Ready to Use) 100ML	100 mL
G1012-10ML	DAPI staining reagent (2µg/mL, Ready to Use) 10ML	10 mL
G1021-10ML	Propidium Iodide Solution (100µg/mL)	10 mL
G1028-50UL	Phalloidin staining reagent (green light)	50 µL
G1041-50UL	Phalloidin staining reagent (red light)	50 µL
G1515-100T	JC-1 Mitochondrial Membrane Potential Detection Kit	100 T
G1704	DiO Cell Membrane Green Fluorescence Staining Kit	100-1000 T
G1705	Dil Cell Membrane Red Fluorescent Staining Kit	100-1000 T

CELL DETECTION

CELL DETECTION

Senescent Cell Staining		
Cat. No.	Name	Spec.
G1073-100T	Senescent Cell β -Galactosidase Staining Kit	100 T
G1125-100ML	Senescent Cell β -Galactosidase Fixation	100 mL

Signal Detection		
Cat. No.	Name	Spec.
G1702-100T	Mono-Lumi Firefly Luciferase Reporter Gene Detection Kit	100 T
G1706-100T	Reactive Oxygen Species (ROS) Detection Kit	100 T

CELL TRANSFECTION

CELL TRANSFECTION

Cell Fluorescent Staining		
Cat. No.	Name	Spec.
G1802-10ML	PEI 40K Transfection Reagent 10ML	10 mL
G1802-1ML	PEI 40K Transfection Reagent 1ML	1 mL
G1803-1ML	Polyamine (10 mg/mL)	1 mL
G4701-500ML	Pure water for laboratory use	500 mL

MYCOPLASMA DETECTION/REMOVAL/PREVENTION

MYCOPLASMA DETECTION/REMOVAL/PREVENTION

CELL DIGESTION		
Cat. No.	Name	Spec.
G1900-50T	Mycoplasma Detection Kit (PCR)	50 T
G1901-20T	Mycoplasma Detection Kit (Chemiluminescence)	20 T
G4006-10ML	Mycoplasma Elimination Reagent (100 \times)	10 \times 1 mL
G4007-10ML	Mycoplasma Elimination Reagent Plus (100 \times)	10 \times 1 mL
G4008-5ML	Mycoplasma Elimination Reagent (SweMyc0-1+2) (100 \times)	5 mL
G4009-1ML	Mycoplasma Prevention Reagent (1000 \times)	1 mL
G4701-500ML	Pure water for laboratory use	500 mL

Popular Products

Mycoplasma Elimination Reagent Plus (100 \times)

Cat. No.	Name	Spec.
G4007-10ML	Mycoplasma Elimination Reagent Plus (100 \times)	10 mL

Introduction:

This product is used for the elimination of Mycoplasma in cells. It is a combination reagent of quinolones, tetracyclines and macrolides. It inhibits mycoplasma DNA replication and protein synthesis respectively, so as to effectively eliminate Mycoplasma in cells. This product can completely remove mycoplasma from infected cells within 5-7 days. After changing the normal culture medium, the cells are in good condition, and there is no reoccurrence of positive cells in continuous multi generation culture.



Storage:

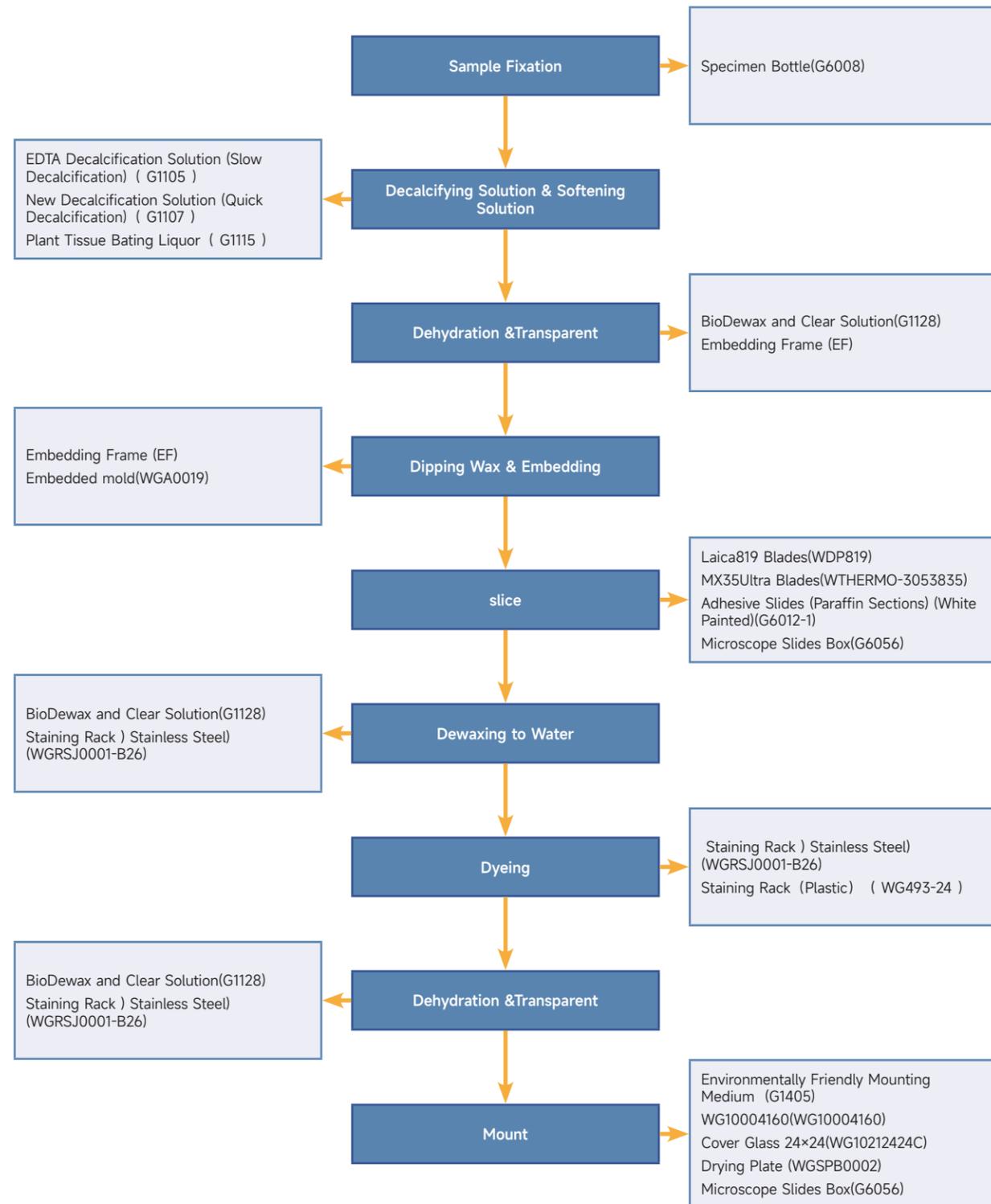
Wet ice transportation. Stored at -20 $^{\circ}$ C , avoid repeated freezing and thawing, and the validity period is 12 months.

CELL CULTURE RELATED

CELL CULTURE RELATED

Cell Fluorescent Staining		
Cat. No.	Name	Spec.
G4003-100ML	Penicillin-streptomycin mixture (double antibody)	100 mL
G4210-100ML	HEPES solution (1M)	100 mL
G4211-100ML	L-glutamine solution (200 mM)	100 mL
G4212-100ML	Sodium pyruvate solution (100 mM)	100 mL
G4219-100ML	MEM NEAA(100 \times)	100 mL

PATHOLOGICAL EXPERIMENTAL & PRODUCTS



REAGENT-PATHOLOGICAL REAGENT-PATHOLOGICAL



Fixative Fixative

Fixative & Dewaxing Liquid		
Cat. No.	Name	Spec.
G1101-500ML	Paraformaldehyde Fixative (Neutral)	500 mL
G1128-500ML	Environmental Friendly Dewaxing Transparent Liquid	500 mL

Morphological Staining Solution Morphological Staining Solution

Staining Solution		
Cat. No.	Name	Spec.
G1001-500ML	Eosin Y (Alcohol)	500 mL
G1002-500ML	Eosin Y (Aqueous)	500 mL
G1004-100ML	Haematoxylin Solution	100 mL
G1005-100ML	Haematoxylin Eosin (HE) Staining Kit	100 mL
G1039-500ML	Haematoxylin Differentiate Solution	500 mL
G1040-500ML	Dilute Ammonia Solution	500 mL
G1006-100ML	Masson Tricolor Staining Kit	100 mL

Immunohistochemical Reagent

Immunohistochemical Reagent

Antigen-Retrieval Solution

Cat. No.	Name	Spec.
G1201-1L	Citric Acid Antigen-retrieval Buffer (Dry Powder)	1 L
G1202-250ML	20x Citric Acid Antigen-retrieval Solution(PH 6.0)	250 mL
G1203-250ML	20x Tris-EDTA Antigen-retrieval Solution(PH 9.0)	250 mL
G1206-250ML	20x Tris-EDTA Antigen-retrieval Solution(PH 8.0)	250 mL

Immunohistochemistry Kit

Cat. No.	Name	Spec.
G1212-200T	DAB Kit	200 T
G1215-200T	Immunohistochemistry Kit(HRP-conjugated Goat Anti-Rabbit IgG(H+L))	200 T
G1216-200T	Immunohistochemistry Kit(HRP-conjugated Goat Anti-Mouse IgG(H+L))	200 T
G1213-100UL	HRP-conjugated Goat Anti-Rabbit IgG(H+L)	100 µL
G1214-100UL	HRP-conjugated Goat Anti-Mouse IgG(H+L)	100 µL

Immunofluorescence Reagent

Immunofluorescence Reagent

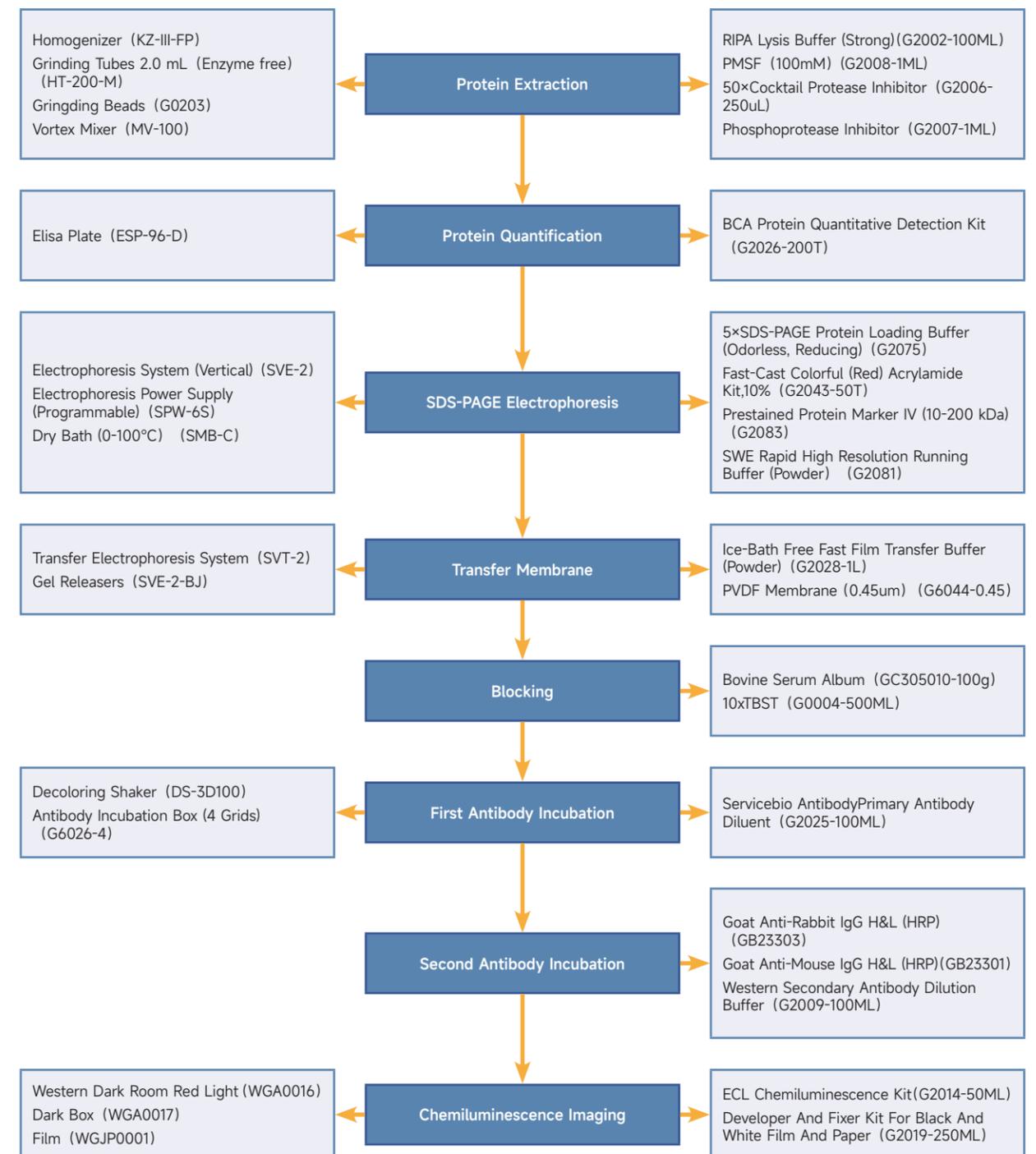
Immunofluorescence Staining Kit

Cat. No.	Name	Spec.
G1226-100T	TSAPLus Fluorescence Double Staining Kit	100 T
G1235-100T	TSA Fluorescence Double Staining Kit	100 T
G1236-100T	TSAPLus Fluorescence Triple Staining Kit	100 T

Mounting Media

Cat. No.	Name	Spec.
G1404-100ML	Ultra-clean Fast Drying Mounting Media	100 mL
G1405-100ML	SWE Environmental Friendly BioMount Media	100 mL
G1221-5ML	Tissue Autofluorescence Quencher	5 mL
G1401-5ML	Anti Fluorescence Quenching Mounting Media	5 mL

WESTERN BLOT EXPERIMENTAL & PRODUCTS



ELECTROPHORESIS & GEL PREPARATION

ELECTROPHORESIS & GEL PREPARATION

Gel Preparation Kit		
Cat. No.	Name	Spec.
G2003-50T	SDS-PAGE gel preparation kit	50 T
G2037-50T	SDS-PAGE gel fast preparation kit	50 T
G2041-50T	6% SDS-PAGE colored (red) gel ultra-fast preparation kit	50 T
G2042-50T	8% SDS-PAGE colored (red) gel ultra-fast preparation kit	50 T
G2043-50T	10% SDS-PAGE colored (red) gel ultra-fast preparation kit	50 T
G2044-50T	12% SDS-PAGE colored (red) gel ultra-fast preparation kit	50 T
G2045-50T	15% SDS-PAGE colored (red) gel ultra-fast preparation kit	50 T
G2060-50T	6% SDS-PAGE colored (green) gel ultra-fast preparation kit	50 T
G2061-50T	8% SDS-PAGE colored (green) gel ultra-fast preparation kit	50 T
G2062-50T	10% SDS-PAGE colored (green) gel ultra-fast preparation kit	50 T
G2063-50T	12% SDS-PAGE colored (green) gel ultra-fast preparation kit	50 T
G2064-50T	15% SDS-PAGE colored (green) gel ultra-fast preparation kit	50 T
G2066-50T	8% SDS-PAGE high-resolution color (red) gel ultra-fast preparation kit	50 T
G2067-50T	10% SDS-PAGE high-resolution color (red) gel ultra-fast preparation kit	50 T
G2068-50T	12% SDS-PAGE high-resolution color (red) gel ultra-fast preparation kit	50 T
G2071-50T	8% SDS-PAGE high-resolution color (green) gel ultra-fast preparation kit	50 T
G2072-50T	10% SDS-PAGE high-resolution color (green) gel ultra-fast preparation kit	50 T
G2073-50T	12% SDS-PAGE high-resolution color (green) gel ultra-fast preparation kit	50 T

Popular Products

SDS-PAGE Fast Acrylamide Kit

Cat. No.	Name	Spec.
G2037-50T	SDS-PAGE Fast Acrylamide Kit	50 T

Introduction:

This kit provides a simple and fast SDS-PAGE gel preparation solutions. It contains all the reagents needed for gel preparation, users only need to prepare a small amount of pure water and glue making equipment (glue base, glass plate, comb, etc.), according to the instructions to produce the required gel in a short time. This kit can prepare at least 50 pieces of conventionally sized gel.



Storage:

Store at 4°C, the shelf life is 1 year.

Popular Products

Fast-Cast Colorful(Green) Acrylamide Kit,8%

Cat. No.	Name	Spec.
G2061-50T	Fast-Cast Colorful(Green) Acrylamide Kit,8%	50 T(1.0 mm Glass Plates)

Introduction:

This kit provides a simple and fast 8% SDS-PAGE color (green) gel preparation method. The stacking gel reagent can prepare a colored (green) upper gel, so we can easily identify each well of the gel when loading the sample. After the electrophoresis, the dye does not move to the separation gel, so it will not affect subsequent experiments. In addition, due to the neurotoxicity of TEMED, safer alternatives have been used to provide a safer experience for operators.



Storage:

Store at 4°C, the shelf life is 1 year.

Popular Products

BTT Fast-Cast Colorful(Green) Acrylamide Kit,8%

Cat. No.	Name	Spec.
G2071-50T	BTT Fast-Cast Colorful(Green) Acrylamide Kit,8%	50 T(1.0 mm Glass Plates)

Introduction:

This kit provides a simple and fast 8% SDS-PAGE color (green) gel preparation solutions. It can cast resolving and stacking gels at the same time and start running your gels in as short as 30 min. Also, it works for MOPS running buffer system, which can conduct higher resolution and sharper band than Laemmli SDS-PAGE system.

The stacking gel reagent is dyed red, so we can easily identify each well of the gel when loading the sample. After the electrophoresis, the dye does not move to the resolving gel, so it will not affect subsequent experiments.

In addition, due to the neurotoxicity of TEMED, safer alternatives have been used to provide a safer experience for operators.



Storage:

25 X SDS Running buffer can be stored at room temperature; other reagents can be stored at 4°C;

The shelf life is 1 year.

ELECTROPHORESIS & GEL PREPARATION

ELECTROPHORESIS & GEL PREPARATION

Gel Preparation Reagent		
Cat. No.	Name	Spec.
G2004-100ML	30% Acrylamide (29:1)	100 mL
G2004-500ML	30% Acrylamide (29:1)	500 mL
G2005-100ML	40% Acrylamide (37.5:1)	100 mL
G2005-500ML	40% Acrylamide (37.5:1)	500 mL
G2046-500UL	Polyacrylamide Gel (Page) Top Gel Red Dye (500 x)	500 µL
G2047-500UL	Polyacrylamide Gel (Page) Top Gel Green Dye (500 x)	500 µL
G2048-500UL	Polyacrylamide Gel (Page) Top Gel Yellow Dye (500 x)	500 µL
G2049-500UL	Polyacrylamide Gel (Page) Top Gel Blue Dye (500 x)	500 µL
G2053-100ML	1.5 M Tris-HCl (pH 8.8)	100 mL
G2053-500ML	1.5 M Tris-HCl (pH 8.8)	500 mL
G2054-100ML	1 M Tris-HCl (pH 6.8)	100 mL
G2054-500ML	1 M Tris-HCl (pH 6.8)	500 mL
G2055-100ML	10% SDS Solutionn	100 mL
G2055-5ML	10% SDS Solutionn	5 mL
G2056-1ML	TEMED	1 mL
G5033-180MG	AP (Ammonium persulfate)	180 mg

Loading Buffer		
Cat. No.	Name	Spec.
G2013-100ML	5× Protein loading buffer (reduced)	100 mL
G2013-1ML	5× Protein loading buffer (reduced)	1 mL
G2030-1ML	5× Protein Loading buffer(Non-Reducing)	1 mL
G2031-1ML	2× Protein loading buffer (reduced)	1 mL
G2032-1ML	2× Protein Loading buffer(Non-Reducing)	1 mL
G2034-1ML	5× PAGE Protein loading buffer	1 mL
G2075-100ML	5× SDS-PAGE protein loading buffer (odorless, reduced type)	100 mL
G2075-1ML	5× SDS-PAGE protein loading buffer (odorless, reduced type)	1 mL
G2076-1ML	2× SDS-PAGE protein loading buffer (odorless, reduced type)	1 mL

Popular Products

5×SDS-PAGE Protein Loading Buffer (Odorless, Reducing)

Cat. No.	Name	Spec.
G2075-1ML	5×SDS-PAGE Protein Loading Buffer (Odorless, Reducing)	1 mL
G2075-100ML		100 mL

Introduction:

5×SDS-PAGE Protein Loading Buffer(Odorless, Reducing) is the most commonly used sample buffer for Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis (SDS-PAGE) of denatured proteins. The product contains bromophenol blue, which can confirm the progress of electrophoresis.

In addition, the product contains odorless reducing agent instead of dithiothreitol (DTT) or mercaptoethanol, making the protein loading operation safer and healthier, and the water solubility is more stable.

**Storage:**

Storage at -20° C;The shelf life is 12 months.

Popular Products

2×SDS-PAGE Protein Loading Buffer (Odorless, Reducing)

Cat. No.	Name	Spec.
G2076-1ML	2×SDS-PAGE Protein Loading Buffer (Odorless, Reducing)	1 mL

Introduction:

2×SDS-PAGE Protein Loading Buffer(Odorless, Reducing) is the most commonly used sample buffer for Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis (SDS-PAGE) of denatured proteins. The product contains bromophenol blue, which can confirm the progress of electrophoresis.

In addition, the product contains odorless reducing agent instead of dithiothreitol (DTT) or mercaptoethanol, making the protein loading operation safer and healthier, and the water solubility is more stable.

**Storage:**

Storage at -20° C; The shelf life is 12 months.

ELECTROPHORESIS & GEL PREPARATION

ELECTROPHORESIS & GEL PREPARATION

Protein Marker

Cat. No.	Name	Spec.
G2058-250UL	Prestained Protein Marker II (10-200 kDa)	250 µL
G2082-250UL	Prestained Protein Marker III (12-190 kDa)	250 µL
G2086-250UL	Western Protein Marker I (Exposure)	250 µL
G26616-250UL	Protein Marker (10-180 kDa)	250 µL
G26619-250UL	Protein Marker (10-250 kDa)	250 µL
G2083-250UL	Prestained Protein Marker IV (10-200 kDa)	250 µL

Popular Products

Prestained Protein Marker II (10-200 kDa)

Cat. No.	Name	Spec.
G2058-250UL	Prestained Protein Marker II (10-200 kDa)	250 µL

Introduction:

Prestained Protein Marker II are a mixture of ten high-purity and pre-stained recombinant proteins, which is convenient for monitoring of electrophoresis and transfer efficiency. It is suitable as a protein molecular weight standard for SDS-PAGE and Western Blot.

The bands display in Tris-Glycine gel range from 10-200 kDa (~10, ~18, ~23, ~30, ~42, ~55, ~75, ~110, ~140, ~200 kDa), of which 75 kDa is an orange-red band, 10 kDa is a rose-red band, and the others are blue bands.

Storage:

Storage at -20° C; The shelf life is 12 months.



ELECTROPHORESIS & GEL PREPARATION

ELECTROPHORESIS & GEL PREPARATION

Electrophoresis Loading Buffer

Cat. No.	Name	Spec.
G2018-1L	Electrophoresis Buffer (Powder)	1 L
G2050-500ML	BTT Electrophoresis Buffer (25×)	500 mL
G2081-1L	SWE Fast High-resolution Electrophoresis Buffer (Powder)	1 L
G0001-2L	TBS Buffer (Bry Powder)	2 L
G0002-2L	PBS Buffer (Bry Powder)	2 L
G0004-500ML	10× TBST	500 mL
G0015-500ML	10× TBS	500 mL
G3015-100ML	20× SSC Buffer	100 mL
G4202-500ML	PBS, 1× (Phosphate Buffered Saline)	500 mL
G4207-500ML	PBS, 10× (Phosphate Buffered Saline)	500 mL

Popular Products

PBS (phosphate buffered saline), 10×

Cat. No.	Name	Spec.
G4207-500ML	PBS (Phosphate Buffered Saline), 10×	500 mL

Introduction:

PBS (phosphate buffered saline) is a balanced salt solution used in cell culture manufacturing and upstream process development. PBS acts as a buffer to help maintain pH in cell culture media. PBS is well suited for washing cells before dissociation, transporting cells or tissue, diluting cells for counting, and preparing reagents. PBS is formulated without calcium and magnesium. This product is 10 folds concentrated forms and require dilution before use.

Servicebio balanced salt solutions are manufactured at a cGMP-compliant facility using water for injection, filtered through final 0.1 µm sterile filtration and aseptic filled in a Hundred-stage FFU. The filter integrity tests are performed before and after filtration. Each lot of PBS solutions are subjected to sterility test, pH, osmolality and endotoxin.

The major character of PBS is as follows:

- 27 mM KCl, 20 mM KH₂PO₄, 1370 mM NaCl, 100 mM Na₂HPO₄, pH 7.0-7.5@25°C after diluted to 1× PBS.
- Without calcium, magnesium, phenol red.

The complete formulation is available.



Storage:

Storage conditions: Room temperature

Shipping conditions: Room temperature

Shelf life: 24 months from date of manufacture

WESTERN BLOTTING

WESTERN BLOTTING

Imprinting Transfer Buffer		
Cat. No.	Name	Spec.
G0001-2L	TBS buffer (Dry Powder)	2 L
G0002-2L	PBS buffer (Dry Powder)	2 L
G0004-500ML	10× TBST	500 mL
G0015-500ML	10× TBS	500 mL
G2009-100ML	Western Secondary Antibody Dilution Buffer	100 mL
G2016-100ML	Primary and Secondary Antibody Eluent	100 mL
G2017-1L	Transfer Buffer (Powder)	1 L
G2025-100ML	Primary Antibody Diluent	100 mL
G4202-500ML	PBS, 1× (Phosphate Buffered Saline)	500 mL
G4207-500ML	PBS, 10× (Phosphate Buffered Saline)	500 mL

Popular Products

PBS (phosphate buffered saline), 1×

Cat. No.	Name	Spec.
G4202-500ML	PBS (Phosphate Buffered Saline), 1×	500 mL

Introduction:

PBS (phosphate buffered saline) is a balanced salt solution used in cell culture manufacturing and upstream process development. PBS acts as a buffer to help maintain pH in cell culture media. PBS is well suited for washing cells before dissociation, transporting cells or tissue, diluting cells for counting, and preparing reagents. PBS is formulated without calcium and magnesium.

Servicebio balanced salt solutions are manufactured at a cGMP-compliant facility using water for injection, filtered through final 0.1 µm sterile filtration and aseptic filled in a Hundred-stage FFU. The filter integrity tests are performed before and after filtration. Each lot of PBS solutions are subjected to sterility test, pH, osmolality and endotoxin.

The major character of PBS is as follows:

- 2.7 mM KCl, 2.0 mM KH₂PO₄, 137 mM NaCl, 10 mM Na₂HPO₄, pH 7.2-7.5@25°C.
- Without calcium, magnesium, phenol red.

The complete formulation is available.



Storage:

Storage conditions: Room temperature

Shipping conditions: Room temperature

Shelf life: 24 months from date of manufacture

PROTEIN DYEING

PROTEIN DYEING

Protein Dyeing		
Cat. No.	Name	Spec.
G2012-250ML	Coomassie Bright Blue Dye Kit	250mL+500mL
G2021-250ML	Coomassie Bright Blue Dye R250	250 mL
G2022-250ML	Coomassie Bright Blue Decoloring Solution	250 mL
G2059-250ML	Coomassie Bright Blue Ultrafast Staining	250 mL
G2059-500ML	Coomassie Bright Blue Ultrafast Staining	500 mL
G2080-25T	Silver Stain Kit for Protein	25T
G4701-500ML	Specialty Laboratory Pure Water	500 mL

Developing and Fixing

Cat. No.	Name	Spec.
G2011-100ML	Ponceau S Stain for Protein Detection	100 mL
G2014-50ML	ECL Chemiluminescence Kit	50 mL×2
G2019-250ML	Developing And Fixing Kit for Western Northern Southern Slot Experiment	250 mL×2
G2020-25ML	Ultra-Sensitive ECL Chemiluminescence Kit	25 mL×2
G2023-250ML	Biological Developer Kit for Western Northern Southern Slot Experiment	250 mL
G2024-250ML	Western Blot Fix Resolution 250ML Biochemistry Reagent	250 mL

Popular Products

ECL Chemiluminescence Kit

Cat. No.	Name	Spec.
G2014-50ML	ECL Chemiluminescence Kit	50 mL×2

Introduction:

The ECL chemiluminescence kit is a highly sensitive chemiluminescence kit based on the principle of Luminol ECL chemiluminescence. This product can chemically react with horseradish peroxidase (HRP) coupled with secondary antibodies to produce fluorescence, and the sample can be detected by X-ray tablet pressing or other appropriate fluorescence imaging equipment (CCD camera, etc.).

The currently produces two kinds of ECL chemiluminescence kits, which are G2014 ECL chemiluminescence kit and G2020 ultra-sensitive ECL chemiluminescence kit. For the detection of target protein with high abundance, such as internal reference protein, G2014 is recommended, which can detect target protein with content greater than or equal to 2ng. For the target protein with low abundance that is difficult to detect, G2020 is recommended. The sensitivity of this product is at least 5times higher than that of G2014, and it can detect PG-level protein with more stable luminescence.



Storage:

Wet ice bag transportation; Stored at 4°C in the dark; The shelf life is 12 months.

BIOCHEMICAL REAGENT

BIOCHEMICAL REAGENT

Amino Acids

Cat. No.	Name	Spec.
GC304002-100g	L-Glutamine	100 g
GC304003-25g	L-Arginine Hydrochloride	25 g
GC304004-100g	L-Glutamic Acid	100 g
GC304005-25g	L-Isoleucine	25 g
GC304006-25g	L-Leucine	25 g
GC304007-25g	L-Lysine Hydrochloride	25 g
GC304009-25g	L-Methionine	25 g
GC304010-10g	L-Phenylalanine	10 g
GC304011-25g	L-Alanine	25 g
GC304012-25g	L-Histidine	25 g
GC304013-25g	L-Serine	25 g
GC304014-5g	L-Tryptophan	5 g
GC304016-25g	L-Threonine	25 g
GC304017-10g	L-Valine	10 g
GC304019-500g	Glycine	500 g
GC304021-25g	L-Histidine Hydrochloride Monohydrate	25 g
GC304022-100g	Glycine	100 g

Protein Derivatives

Cat. No.	Name	Spec.
GC305002-5g	Lodoacetamide	5 g
GC305003-10g	Trypsin 1:250 Source: Porcine Pancreas	10 g
GC305004-5g	Pepsin	5 g
GC305005-1g	Peroxidase(POD)	1 g
GC305013-100mg	Collagenase I	100 mg
GC305014-100mg	Collagenase II	100 mg
GC305015-100mg	Collagenase IV	100 mg
GC305016-100g	Gelatin	100 g

Hormones

Cat. No.	Name	Spec.
GC302002-100mg	Abscisic Acid	100 mg
GC302003-10mg	Angiotensin II	10 mg

Heterocyclic compounds

Cat. No.	Name	Spec.
GC207001-10g	Imidazole	10 g
GC207002-5g	Phenylmethyl Sulfonyl Fluoride	5 g
GC207003-10ml	Freund's Complete Adjuvant	10 mL

Vitamins

Cat. No.	Name	Spec.
GC301015-25g	Vitamin C	25 g
GC303001-5g	Folic Acid	5 g
GC303002-1g	D-Biotin	1 g
GC303004-25g	Ribofavin	25 g
GC303005-5g	VitaminB6	5 g
GC303006-25g	Nicotinamide	25 g
GC303008-1g	VitaminB12	1 g
GC303011-100mg	NADPH-Na4	100 mg
GC303013-250mg	NAD	250 mg
GC303014-250mg	NADH Na2	250 mg

Antibiotics

Cat. No.	Name	Spec.
GC301002-100mg	Streptozocin STZ	100 mg
GC301002-1g	Streptozocin STZ	1 g
GC301003-1g	Penicillin G Sodium Salt	1 g
GC301004-1g	Ampicillin, Sodium Salt	1 g
GC301005-5g	Streptomycin Sulfate	5 g
GC301008-1g	Kanamycin	1 g
GC301008-5g	Kanamycin	5 g
GC301009-1g	Hygromycin B	1 g
GC301011-1g	G-418 Sulfate	1 g
GC301013-100mg	Mupirocin	100 mg
GC301014-5g	Norfloxacin	5 g
GC301016-100mg	Cisplatin	100 mg
GC301017-100mg	Rapamycin	100 mg
GC301018-5g	Chloramphenicol	5 g

Salt

Cat. No.	Name	Spec.
GC201002-500g	Guanidine Thiocyanate	500 g
GC205002-25g	Pyruvic Acid Sodium Salt	25 g
GC205003-500g	D-Glucose anhydrous	500 g
GC205004-10g	D(+)-Trehalose Dihydrate	10 g
GC205005-100g	D(+)- Galactose	100 g
GC205006-10g	D-(-)Arabinose	10 g
GC205008-100ml	Glycerol	100 mL
GC205009-10mg	LPS	10 mg
GC205010-1g	Dithiothreitol	1 g
GC205011-1g	IPTG (Isopropyl β -D- Thiogalactopyranoside)	1 g
GC205013-100g	Agarose (Electrophoresis-Grade, Low EEO)	100 g
GC205014-500g	Sucrose	500 g
GC205015-500g	D-Sorbitol	500 g

Solvent		
Cat. No.	Name	Spec.
GC203001-100ml	1,2-Bis(dimethylamino)ethane	100 mL
GC203002-100ml	DMSO (Dimethyl Sulfoxide)	100 mL
GC203003-500g	Urea	500 g
GC203005-10ml	DMSO Cell Culture Grade	10 mL

Complex		
Cat. No.	Name	Spec.
GC202001-500g	Ethylenediaminetetraacetic Acid	500 g
GC202002-500g	Ethylenediaminetetraacetic Acid Disodium Salt	500 g
GC202003-500g	Ethylenediaminetetraacetic Acid Disodium Dihydrate	500 g

Buffer Salt		
Cat. No.	Name	Spec.
GC208001-500g	Tris (Hydroxymethyl) Aminomethane	500 g
GC208003-100g	TRIS-HCL	100 g
GC208003-500g	TRIS-HCL	500 g
GC208004-100g	BIS-TRIS	100 g
GC208006-100g	N-Tris[Hydroxymethyl]Methylglycine	100 g
GC208007-100g	4-Propanesulfonyl Morpholine	100 g
GC208008-25g	HEPPS	25 g
GC208009-100g	HEPES, Free Acid	100 g
GC208012-1g	Tris(2-Carboxyethyl)Phosphine Hydrochloride(TCEP)	1 g

Surfactant		
Cat. No.	Name	Spec.
GC204001-100ml	Tween-80	100 mL
GC204002-100ml	Tween-20	100 mL
GC204003-100ml	Triton X-100	100 mL
GC204005-100g	Sodium Dodecylsulfate	100 g
GC204005-500g	Sodium Dodecylsulfate	500 g
GC204006-100g	Nonidet TM P40 Substitute	100 g
GC204007-25g	Deoxycholic Acid, Sodium Salt	25 g
GC204009-100ml	3-Aminopropyltriethoxysilane, APTES	100 mL

Polymer		
Cat. No.	Name	Spec.
GC209002-250g	Poly(Ethylene Glycol) 8000	250 g
GC209003-250g	Poly(Ethylene Glycol) 6000	250 g
GC209004-100g	Poly(Ethylene Glycol) 3350	100 g
GC209005-500g	Poly(Ethylene Glycol) 2000	500 g
GC209006-250g	Poly(Ethylene Glycol) 20000	250 g

Amine		
Cat. No.	Name	Spec.
GC206003-100g	N,N'-Methylenebis (Acrylamide)	100 g

Mineral Acid		
Cat. No.	Name	Spec.
GC106001-500g	Orthoboric Acid	500 g

Carbonate		
Cat. No.	Name	Spec.
GC104004-500g	Sodium Bicarbonate	500 g

Weak Acid / Weak Acid Salt		
Cat. No.	Name	Spec.
GC108003-100g	Citric Acid Monohydrate	100 g
GC108004-100g	Sodium Citrate Dihydrate	100 g

Chlorides		
Cat. No.	Name	Spec.
GC102001-100g	Calcium Chloride	100 g
GC102002-100g	Magnesium Chloride Hexahydrate	100 g
GC102003-500g	Potassium Chloride	500 g
GC102004-500g	Sodium Chloride	500 g

Sulfate		
Cat. No.	Name	Spec.
GC101004-100g	Magnesium Sulfate	100 g
GC101013-25g	Ammonium Persulfate	25 g

Phosphate		
Cat. No.	Name	Spec.
GC105001-500g	Sodium Phosphate Monobasic	500 g
GC105002-500g	Sodium Phosphate, Dibasic	500 g
GC105003-500g	Potassium Phosphate Monobasic	500 g
GC105004-100g	Potassium Phosphate Dibasic Anhydrous	100 g

Alkali		
Cat. No.	Name	Spec.
GC107001-100g	Sodium Hydroxide	100 g

Small Molecule Compounds		
Cat. No.	Name	Spec.
GC306001-5g	Lodixanol	5 g

Others		
Cat. No.	Name	Spec.
GC310001-100g	Skimmed Milk Powder	100 g