

BIOLOGICAL CULTURE VESSEL

04



→ Petri Dish	45-46
→ Multi Well Plate	47-48
→ Inoculating Loops	49
→ Cell Spreader	50
→ Cell Lifter	51



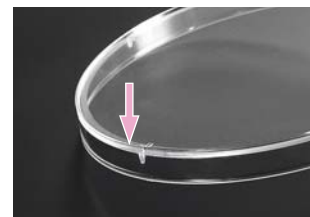


Petri Dish

- Cell culture dishes are used for the handling, stacking and transport of laboratory cell culture. The polystyrene inner wall with TC surface treatment features excellent hydrophilicity, facilitating adherent cell growth, while non-surface treated dishes are suitable for suspension cell culture.
 - Made of medical-grade polystyrene (PS) complying with USP Plastic Class VI standards. No release agents, plasticizers or bacteriostats are added during production, and no heavy metal ions are contained, ensuring excellent biocompatibility of the product.
 - Multiple specifications available: Ø35, Ø55, Ø60, Ø70, Ø90, Ø100, Ø150, etc.
 - Flat and smooth dish bottom without distortion enables more accurate quantitative analysis.
- Gear ring design on the dish side facilitates handling and reduces contamination.
- Vent ridges inside the dish lid ensure sterility while facilitating gas exchange.
 - Annular flanges on the lid fit well with the bottom, allowing stable multi-layer stacking.
 - DNase-free, RNase-free, pyrogen-free and non-cytotoxic.
 - Sterilized by EO or Radiation, achieving a sterile assurance level of SAL=10⁻⁶.
 - Three packaging methods are available for selection: Single of paper plastic, Single of plastic bag, Multiple of plastic bag.



Multiple packaging type



Raised dots on the inner lid allow gas exchange in the culture dish.



The annular ribs on the side facilitate handling and minimize contamination.

KJ503

KJ504

KJ505

KJ506

KJ506-1

KJ506-2

KJ506-3

KJ507

REF	MAT		H*	*				Original REF.
KJ503	PS	Ø35mm	13mm	≈3.53g	20	2300		161-0351
KJ504	PS	Ø60mm	15mm	≈7.58g	26	1040		161-0601
KJ505	PS	Ø70mm	15mm	≈10g	20	720		161-0701
KJ506	PS	Ø90mm	15mm	≈14g / ≈15.3g	20	500	STERILE EO or STERILE R	161-0901
KJ506-1	PS	Ø90mm (Anti-sliding tooth)	21mm	≈19.47g	20	500		161-0904
KJ506-2	PS	Ø90mm (Radian Design)	13.8mm	≈13.7g	20	500		161-0905
KJ506-3	PS	Ø60mm (Anti-sliding tooth)	16mm	≈7.8g	26	1040		161-0602
KJ507	PS	Ø150mm	20mm	≈47g	20	120		161-1501

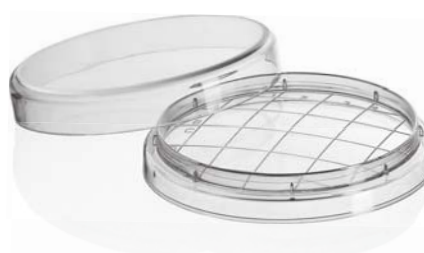
*Relevant parameters are for reference only. Actual product may vary.



Petri Dish


KJ508

KJ509

KJ508-1

KJ508-2

KJ508-5

REF	MAT		 H *	 *					Original REF.
KJ508	PS	Ø90mm	17mm	≈15.5g	Two-Compartment	20	500		161-0906
KJ509	PS	Ø90mm	16mm	≈17.5g	Three-Compartment	20	500		161-0907
KJ508-1	PS	Ø65mm	16mm	≈9.83g	With Grid	25	1200	STERILE EO or STERILE R	161-0651
KJ508-2	PS	Ø55mm	16mm	≈9.86g	RODAC Dish	20	960		161-0551
KJ508-5	PS	Ø75mm	23mm	≈18g	Air Plate	10	400		161-0751

*Relevant parameters are for reference only. Actual product may vary.

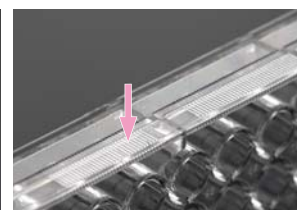


Multi Well Plate

- Cell culture plates are used for laboratory cell culture and post-culture analytical experiments, including cell transfection, immunofluorescence, clone formation, etc.
- Manufactured from medical-grade polystyrene (PS) conforming to USP Plastic Class VI standards. No release agents, plasticizers or bacteriostats are added during production, and no heavy metal ions are contained, ensuring excellent biocompatibility.
- Non-treated surfaces are suitable for suspension cell culture, while TC-treated inner walls provide better cell adhesion.
- Various well formats available: 6-well, 12-well, 24-well, 48-well, 96-well. Usually transparent plates. Dimensions comply with ANSI-SBS standards.
- According to bottom shape, cell culture plates are classified into flat bottom, U-bottom and V-bottom.
- The lid design promotes gas exchange while reducing evaporation and the risk of contamination.
- Raised well rims prevent cross-contamination. Alphabetical and numerical coordinates enable easy identification.
- Stackable design saves space and keeps the laboratory organized.
- DNase-free, RNase-free, pyrogen-free and non-cytotoxic.
- Sterilized by EO or irradiation, achieving a sterility assurance level of SAL = 10^{-6} .



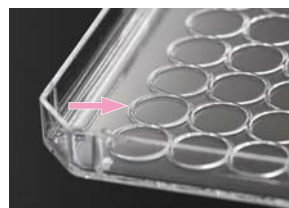
The unique Slant corner design ensures the lid in single direction and avoids cross contamination.



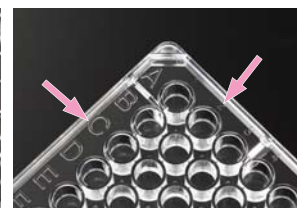
Raised well rims prevent cross contamination.



Flange design for the wells prevents cross contamination.

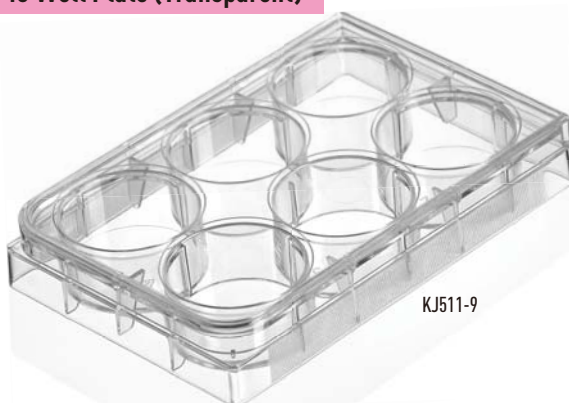


Convex ring on the lid inner side can prevent the medium from being evaporated or polluted.

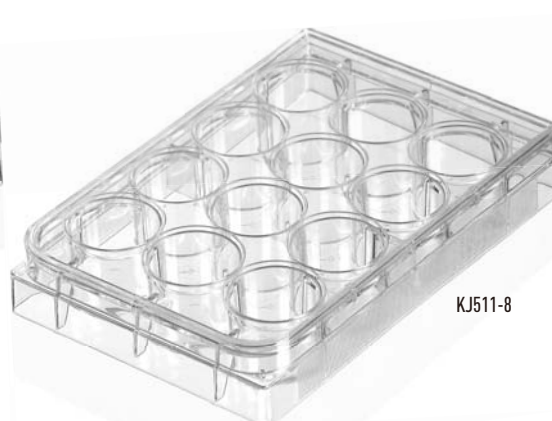


Clear coordinate makes the operation more convenient.

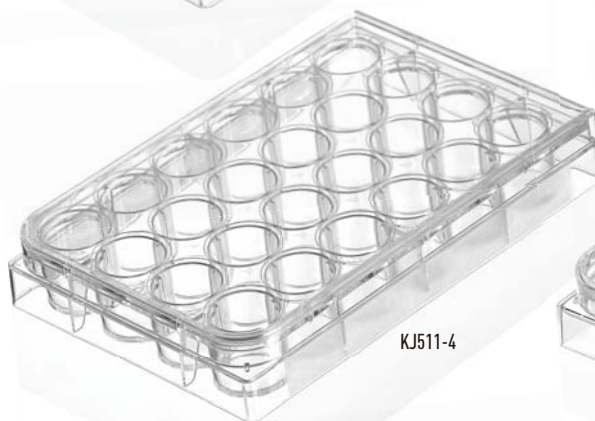
6/12/24/48 Well Plate (Transparent)



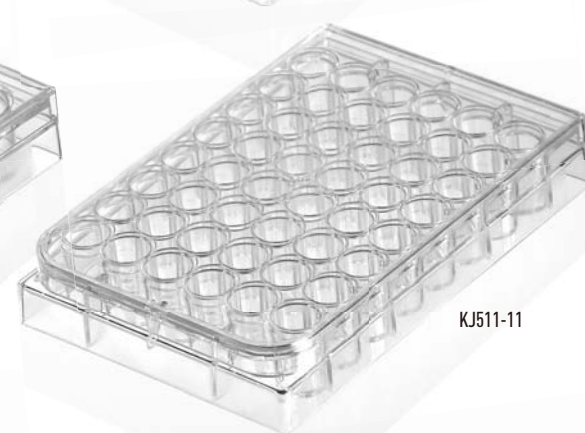
KJ511-9



KJ511-8



KJ511-4



KJ511-11

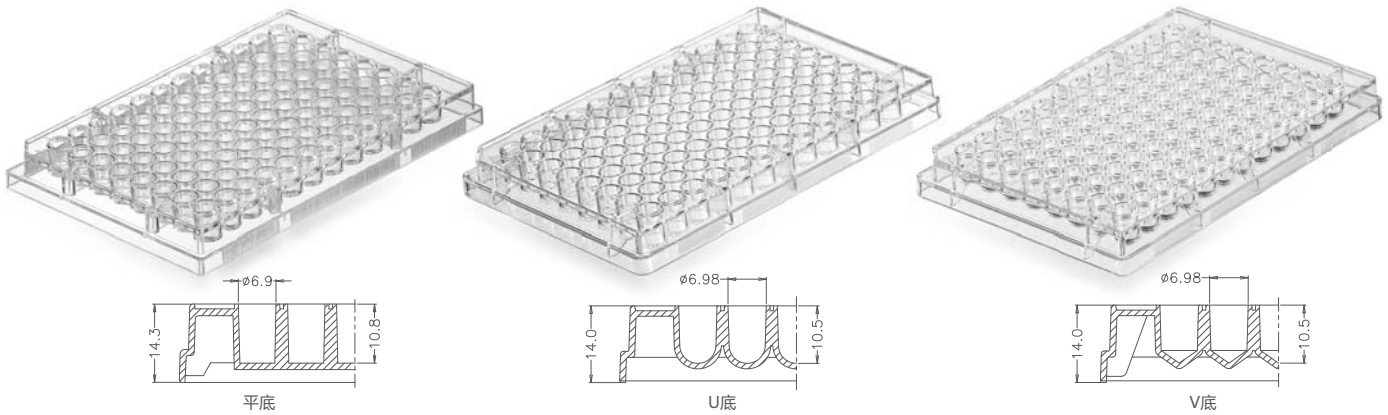
REF	MAT		*				Original REF.
KJ511-9	PS	6 Wells, Flat Bottom	127×85×23mm	100	200	Individual Pack STERILE EO or STERILE R Customizable TC surface treatment	162-0061
KJ511-8	PS	12 Wells, Flat Bottom	127×85×23mm	100	200		162-0121
KJ511-4	PS	24 Wells, Flat Bottom	127×85×23mm	100	200		162-0241
KJ511-11	PS	48 Wells, Flat Bottom	127×85×23mm	100	200		162-0481

*Typical dimensions for reference only. Actual product may vary.



Multi Well Plate

96 Well Plate (Transparent)

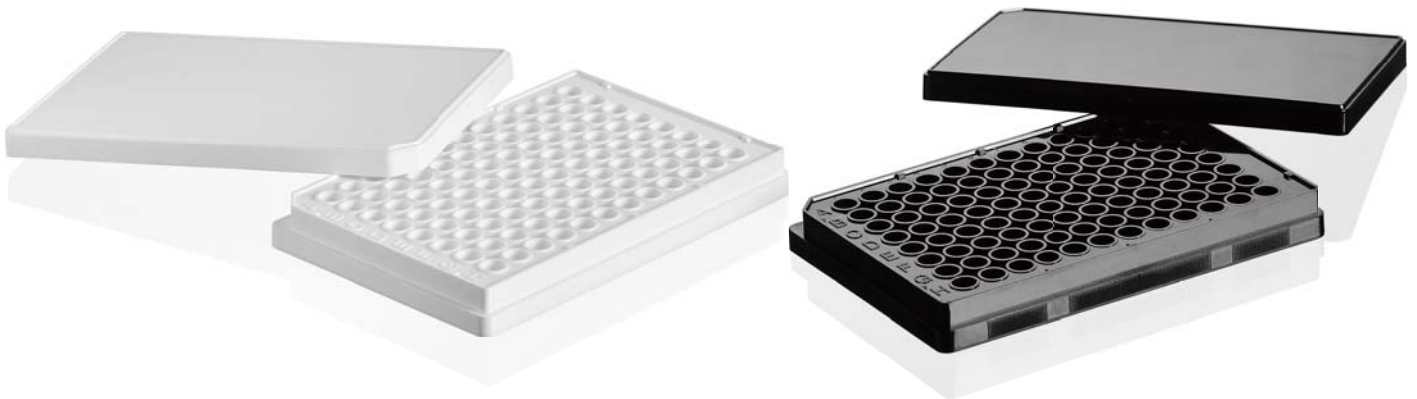


REF	MAT						Original REF.
KJ511-3	PS	96 Wells, Flat bottom	128×85×16mm	100	200	Individual Pack	162-0961
KJ511-24		96 Wells, U bottom		100	200	STERILE EO or STERILE R	162-0962
KJ511-25		96 Wells, V bottom		100	200	Customizable TC surface treatment	162-0963

*Typical dimensions for reference only. Actual product may vary.

96 Well Plate (Black & White)

○ Black plates absorb scattered and reflected light to lower background noise and reduce well-to-well crosstalk, ideal for fluorescence detection. White plates reflect and amplify light signals with reduced crosstalk, recommended for chemiluminescence applications.



REF	MAT						Original REF.
KJ511-13	PS	96 Wells, White, Luminescence	128×85×16mm	100	200	Individual Pack	162-0964
KJ511-26		96 Wells, Black, Fluorescence		100	200	STERILE EO or STERILE R	162-0965

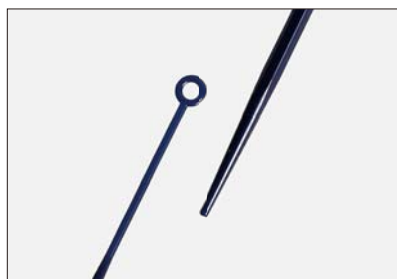
*Typical dimensions for reference only. Actual product may vary.



Inoculating Loops

KANGJIAN® Disposable Inoculating Loops and Needles are manufactured from medical-grade High Impact Polystyrene (HIPS). Complying with USP plastic class VI standards, They are mainly used for inoculation, transfer and cultivation of microorganisms, with excellent biocompatibility and chemical stability. The surface is specially treated to be hydrophilic, making them ideal for microbial inoculation.

- HIPS (High Impact Polystyrene) is a thermoplastic resin synthesized from polystyrene (PS) and polybutadiene. It features excellent flexibility, high impact resistance and good abrasion resistance.
- The inoculating loop has a smooth rim, enabling easy streaking on agar plates without damaging the culture medium surface.
- The inoculating needle features a slim, flexible and bendable shaft, suitable for operations in narrow or specially shaped containers.
- DNase/RNase-free, pyrogen-free, endotoxin-free, non-cytotoxic, and free from inhibitors and heavy metal contamination.
- Sterilized by EO or gamma irradiation, with a sterility assurance level of SAL = 10^{-6} .
- Supplied in easy-tear paper-plastic packaging, either individually or in multi-unit packs.



The flexible inoculation head minimizes damage to microorganisms. Dual-function needle and loop design serves two purposes in one tool for more convenient operation.



Individually and multi-packed sterile paper-plastic packaging.

KJ509-1

KJ510-7

KJ510-8

KJ510-9

REF	MAT						Original REF.
KJ509-1	HIPS	Needle Type	225mm	Individual Pack	4000	Color customization available	167-0011
				5/10/20 pcs per Pack	4000		167-0012
KJ510-7	HIPS	1ul dual-purpose	198mm	Individual Pack	4000		167-0121
				5/10/20 pcs per Pack	4000		167-0122
KJ510-8	HIPS	10ul dual-purpose	200mm	Individual Pack	4000		167-1021
				5/10/20 pcs per Pack	4000		167-1022
KJ510-9	HIPS	1ul dual-purpose	198mm	Individual Pack	4000		167-0131
				5/10/20 pcs per Pack	4000		167-0132

*Typical dimensions for reference only. Actual product may vary.



Cell Spreader

Cell scrapers are made of medical-grade high impact polystyrene (HIPS) or polypropylene (PP) complying with USP plastic class VI standards with excellent biocompatibility. They are mainly used for harvesting, passaging and transferring adherent cells. Δ , T and L-shaped designs are available to suit different culture vessels.

- The scraper head is straight with a smooth, rounded surface, greatly minimizing cell damage and ensuring uniform spreading.
- DNase/RNase-free, pyrogen-free, endotoxin-free, non-cytotoxic, and free of inhibitors and heavy metal contamination.
- Sterilized by EO or irradiation, achieving a sterility assurance level of SAL = 10^{-6} .
- Packaged in easy-tear paper-plastic packaging, either individually or in multi-unit packs.



The scraper tip is round and smooth to minimize cell damage.



Packaged in individual or multi-pack paper-plastic packaging.



REF	MAT	Scraper Tip *	*				Original REF.
KJ511-1	HIPS	30mm	148mm	Individual Pack	2500	STERILE EO OR STERILE R	168-0011
				5 / 10 / 20 pcs per Pack	2500		168-0012
KJ511-2	HIPS	32mm	182mm	Individual Pack	4000		168-0021
				5 / 10 / 20 pcs per Pack	4000		168-0022
KJ511-12	PP	40mm	160mm	Individual Pack	3000		168-0033
		46mm	240mm	Individual Pack	3000		168-0043

*Typical dimensions for reference only. Actual product may vary.



Cell Lifter

This product is mainly used for harvesting adherent cells from cell culture flasks, dishes or plates while minimizing mechanical damage to cells. It is suitable for experimental research in cell biology, immunology, molecular biology, etc., and can also be used for cell harvesting prior to experiments such as RNA, DNA and protein extraction.

- The cell lifter blade is made of medical-grade thermoplastic elastomer (TPE) or polypropylene (PP), with excellent biocompatibility. The soft and flexible TPE blade ensures minimal harm to cells.
- The lifter angle is adjustable to maintain an optimal scraping angle and reach all vessel surfaces where cells grow.
- The product is pyrogen-free, non-cytotoxic, DNase/RNase-free, and free of heavy metals, fluorescent brighteners and other contaminants, meeting the requirements for cell culture and molecular biology experiments.
- Sterilized by EO or irradiation, achieving a sterility assurance level of SAL = 10^{-6} .



The blade heads are available in different widths and are soft and elastic.



Blade angle is fully adjustable to maintain optimal scraping operation.



Individual Pack



REF	MAT	L*	Blade Head*					Original REF.
KJ510-3	PP	150mm	20mm	Individual Pack	100	1000		169-0111
KJ510-5	PP	215mm	10mm/20mm	Individual Pack	100	1000		169-0121
KJ510-1	Blade:TPE Stick:PP	180mm	20mm	Individual Pack	100	1000		169-0211
KJ510-2	Blade:TPE Stick:PP	250mm	20mm	Individual Pack	100	1000	STERILE EO or STERILE R	169-0221
KJ510-4	Blade:TPE Stick:PP	250mm	13mm	Individual Pack	100	1000		169-0311
KJ510-6	Blade:TPE Stick:PP	300mm	20mm	Individual Pack	100	1000		169-0321

*Typical dimensions for reference only. Actual product may vary.