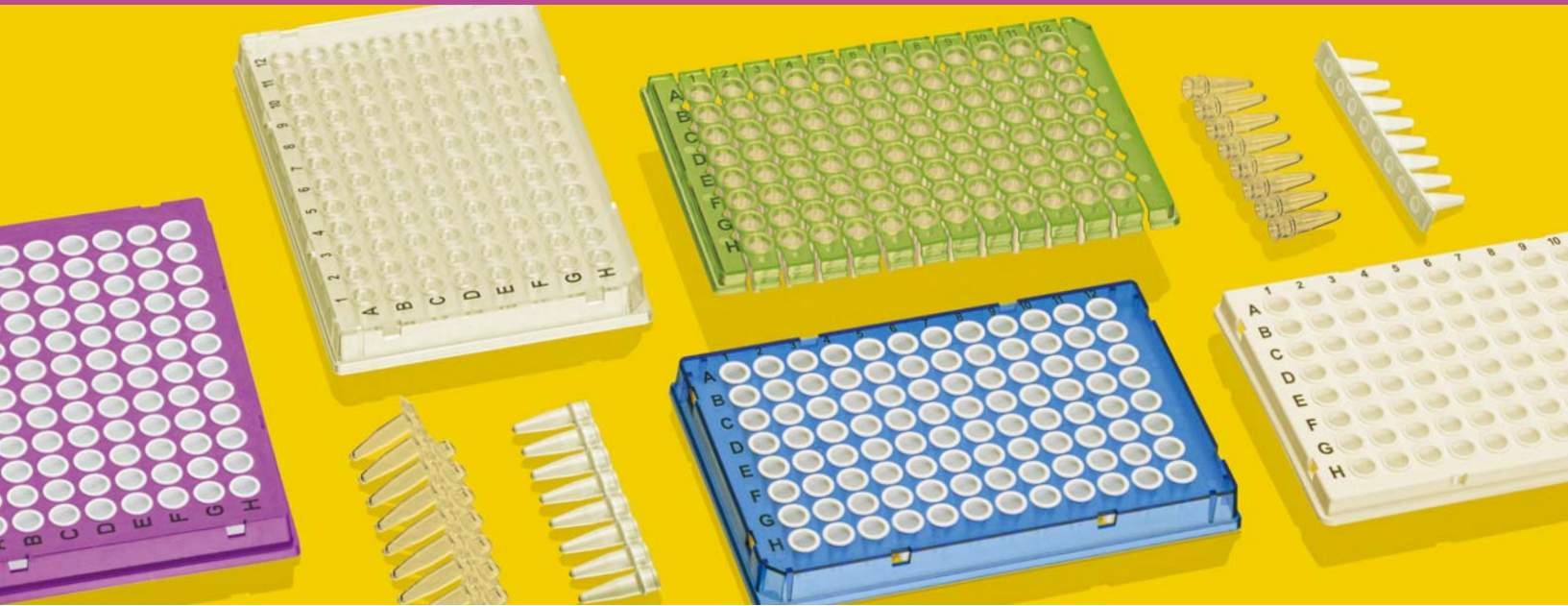


MOLECULAR BIOLOGY

06



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PCR Tube Strips

PCR single tube

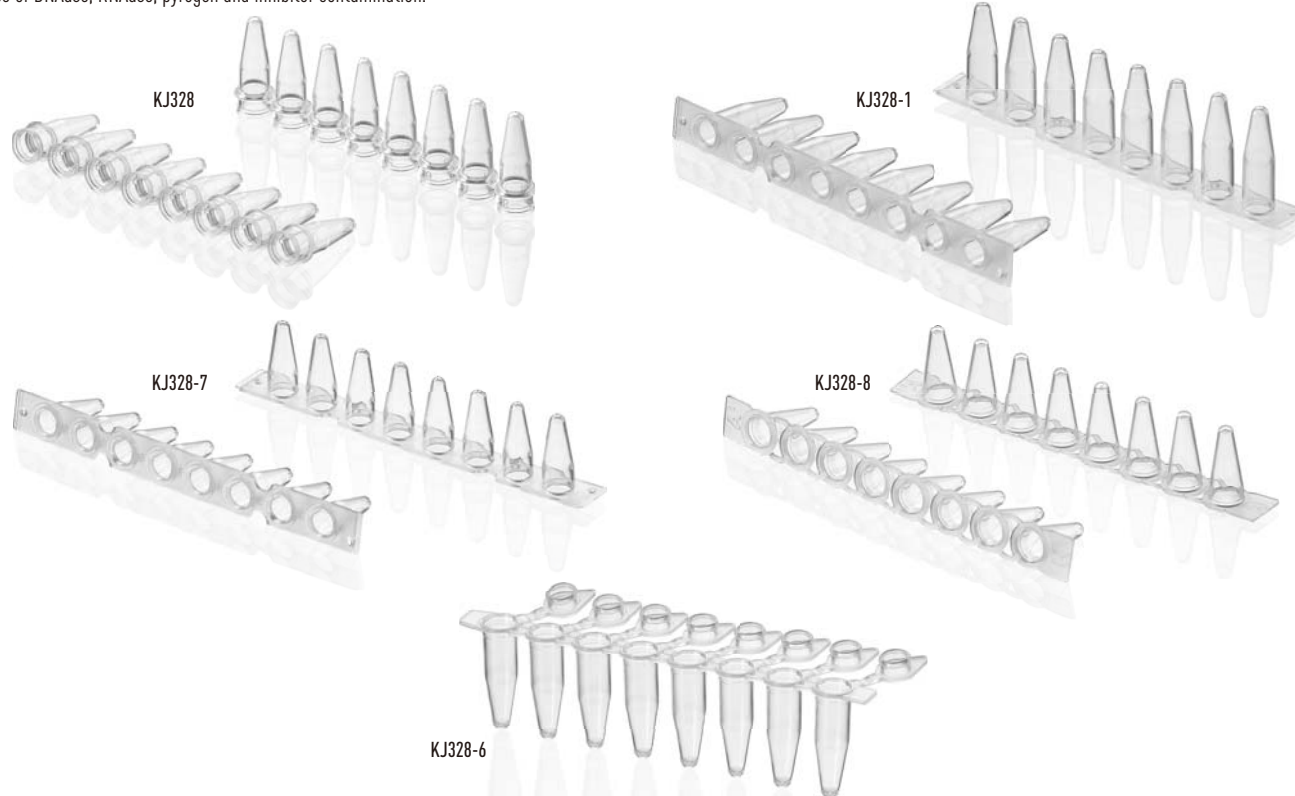
- ◆ Utilizes high-purity medical-grade polypropylene (PP), complying with USP Class VI standards, non-toxic and odorless, to ensure experimental safety.
- ◆ Integrated injection molding ensures uniform tube walls and excellent sealing, compatible with standard PCR thermal cycling requirements.
- ◆ Cleanroom production with pre-sterilization (gamma/E0) to prevent cross-contamination.
- ◆ 0.2ml/0.5ml specifications support manual and automated equipment, ideal for routine amplification and sample storage applications.



REF	MAT						Original REF.
KJ370-1	PP	0.2mL	1000	-	50000	Transparent, STERILE R	111-0101
KJ370-2	PP	0.5mL	1000	-	20000	Transparent, STERILE R	111-0102

PCR tube strips

- ◆ High quality imported polypropylene raw material.
- ◆ Thin-wall and smooth to ensure uniform and rapid heat conduction of the sample inside the tube.
- ◆ Used with PCR cap strips, good sealing to prevent contamination, easy to open and close.
- ◆ Suitable for PCR instruments with corresponding module specifications.
- ◆ Free of DNAase, RNAase, pyrogen and inhibitor contamination.



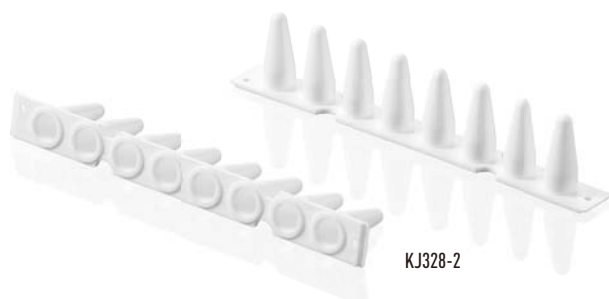
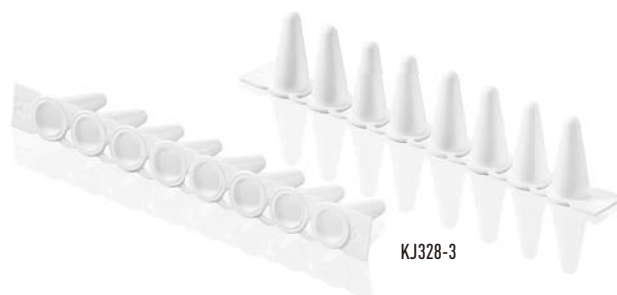
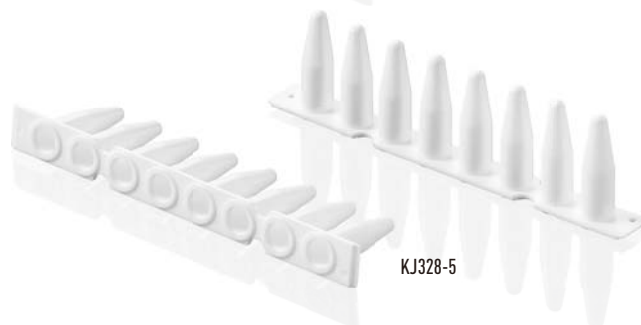
REF	MAT					Original REF.
KJ328	PP	0.2mLx8	200	6000	8 Strips, Detachable, Thin-Wall, Transparent, STERILE R	111-0801
KJ328-1	PP	0.2mLx8	200	6000	8 Strips, Undetachable, Thin-Wall, Transparent, STERILE R	111-0802
KJ328-7	PP	0.1mLx8	200	6000	8 Strips, Undetachable, Thin-Wall, Transparent, STERILE R	111-0808
KJ328-8	PP	0.1mLx8	200	6000	8 Strips, Detachable, Thin-Wall, Transparent, STERILE R	111-0809
KJ328-6	PP	0.2mLx8	200	6000	8 Strips, Detachable, Thin-Wall, Transparent, STERILE R	111-0803



PCR Tube Strips

Fluorescent Quantitative PCR 8-strip tubes

- ◆ White hole design for enhanced fluorescence reflection.
- ◆ Stable physical properties, flat and non-deformed.
- ◆ Ultra-thin tube wall ensures optimal heat transfer.
- ◆ Available for automated system.
- ◆ Can be sealed with an optical flat or domed cap strip.
- ◆ Free of DNAase, RNAase, pyrogen and inhibitor contamination.

**KJ328-2****KJ328-3****KJ328-4****KJ328-5**

REF	MAT					Original REF.
KJ328-2	PP	0.1mL×8	125	1250	8 qPCR Tube Strips, Undetachable, Thin-Wall, STERILE R	111-0804
KJ328-3	PP	0.1mL×8	125	1250	8 qPCR Tube Strips, Detachable, Thin-Wall, STERILE R	111-0805
KJ328-4	PP	0.2mL×8	125	1250	8 qPCR Tube Strips, Detachable, Thin-Wall, STERILE R	111-0806
KJ328-5	PP	0.2mL×8	125	1250	8 qPCR Tube Strips, Undetachable, Thin-Wall, STERILE R	111-0807

Cap for PCR Tube Strip

Cap for PCR tube strip

- ◆ Can be used to seal 0.1mL and 0.2mL PCR tube strip.
- ◆ Quick and easy seal for PCR plates and other standard multiwell plates.
- ◆ Cap strips seal valuable samples, reduce evaporation, decrease the possibility of contamination between sample wells, and help ensure reliable results.
- ◆ Easy to use, with downward pressure to form a tight seal, a pull tab on the end to remove the cap, or use a special 8-well cap decapper for easy opening.
- ◆ Optical lid design with excellent optical clarity for fluorescent RT-PCR experiments.

**KJ330-1****KJ330-2****KJ330-3**



Cap for PCR tube strip

REF	MAT					Original REF.
KJ330-1	PP	8 Strips	125	1250	8 Cap Strips, Flat, Undetachable, STERILE R Compatible with KJ328-1,KJ328-7,KJ328-2, KJ328-5	112-0801
KJ330-2	PP	8 Strips	125	1250	8 Cap Strips, Domed, Detachable, STERILE R Compatible with KJ328,KJ328-8,KJ328-3, KJ328-4	112-0802
KJ330-3	PP	8 Strips	125	1250	8 Cap Strips, Flat, Detachable, STERILE R Compatible with KJ328,KJ328-8,KJ328-3, KJ328-4	112-0803

PCR Plates

Product Characteristics

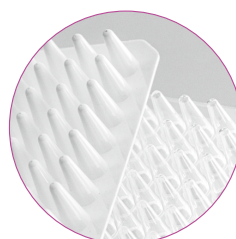
- ◆ Complying with USP Class VI standards, All products are manufactured in Class 100,000 cleaning room.
- ◆ Ultra-thin wall (0.25-0.30mm) with uniform thickness ensures optimal heat transfer.
- ◆ 8 limit holes on the skirt allow for easy insertion and removal on the PCR instrument module.
- ◆ Laser-etched Numbers and letters positioning for clear, easy-to-read and contamination-free text.
- ◆ Sample well raised edge design reduces cross-contamination for an effective seal.
- ◆ Perfectly suited for fluorescence quantitative PCR experiments.
- ◆ Free of DNAase, RNAase, pyrogen and inhibitor contamination.



○ Double-shot molding of tube holes and frames.



○ High rim design reduces cross-contamination and ensures a tight seal.



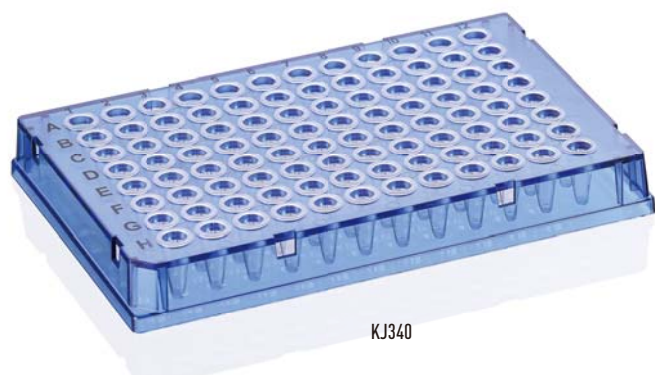
○ Optional clear or white.



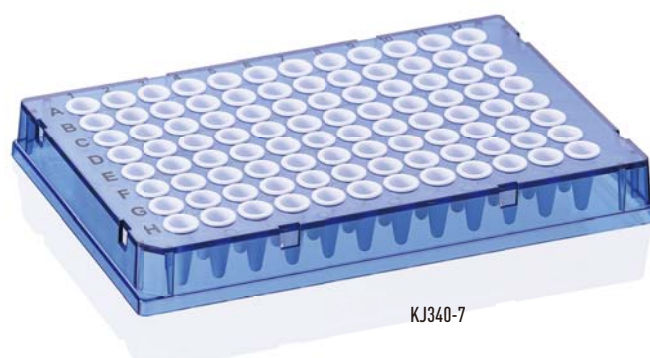
○ Numbers and letters positioning.

Full Skirt 96-well PCR plate

- ◆ Double-shot injection molding: polycarbonate frame and polypropylene tubing holes that remain distortion-free even after thermal cycling.
- ◆ Optimized skirt design for easy barcode labeling and automated workstations.
- ◆ 8 limit holes on the skirt allow for easy insertion and removal on the PCR instrument module.
- ◆ 0.1mL small volume sample tube design improves PCR efficiency, maximizing PCR efficiency for micro-volume samples.
- ◆ Side barcode customization available upon request.



KJ340



KJ340-7

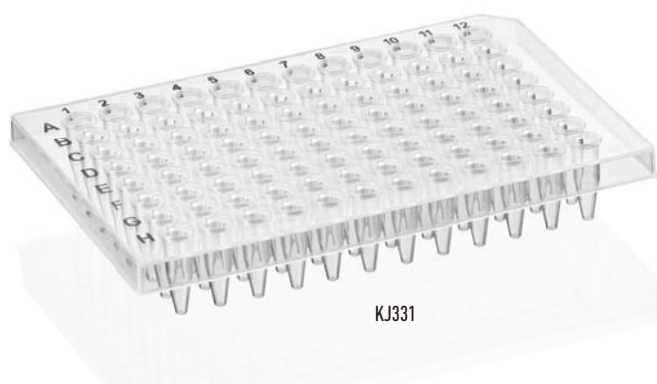
REF	MAT					Original REF.
KJ340-6	Double-shot molding Frame:PC Tube:PP	0.1mL×96	10	50	Transparent tube + Transparent/White/Colored frame	113-96111
KJ340-7	Double-shot molding Frame:PC Tube:PP	0.1mL×96	10	50	White tube + Transparent/White/Colored frame	113-96112



PCR Plates

Half-skirt 96-well PCR plate

- ◆ Half-skirt for labeling and barcoding.
- ◆ Adaptable to a wide range of PCR instruments.
- ◆ Available in 0.1mL and 0.2mL wells.
- ◆ Minimal variation between wells.
- ◆ Customized barcodes are available upon request.
- ◆ Perfect for standard PCR or fluorescent qPCR experiments.

**KJ331****KJ331-1**

REF	MAT					Original REF.
KJ331	PP	0.2mL×96	Individual pack or 10/20 PCS	200	Transparent	113-96221
KJ331-1	PP	0.1mL×96		200	White	113-96211

High-skirt 96-well PCR plate

- ◆ High-skirt for labeling and barcoding.
- ◆ High-edge design for Thermo Fisher Applied Biosystems.
- ◆ Available in 0.1mL and 0.2mL wells.
- ◆ Minimal variation between wells.
- ◆ Customized barcodes are available upon request.
- ◆ Perfect for standard PCR or fluorescent qPCR experiments.

**KJ331-2****KJ331-3**

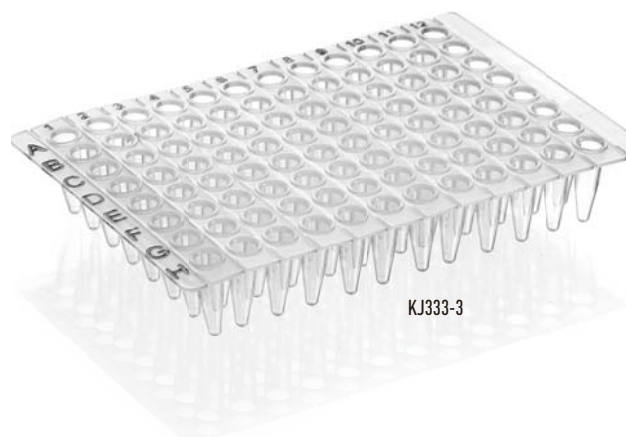
REF	MAT					Original REF.
KJ331-2	PP	0.1mL×96	Individual pack or 10/20 PCS	200	Compatible with Thermo Fisher Applied Biosystems	113-96212
KJ331-3	PP	0.2mL×96		200	Compatible with Thermo Fisher Applied Biosystems	113-96222



PCR Plates

No skirt 96-well PCR plate

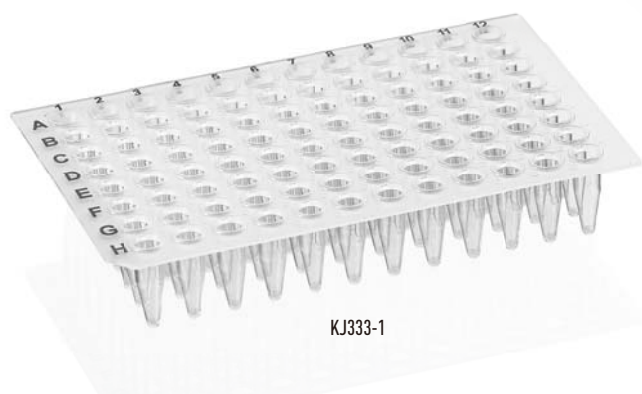
- ◆ Adaptable to most PCR instruments.
- ◆ Numeric letter for easy marking and identification.
- ◆ Available in two well volumes: 0.2mL and 0.1mL.
- ◆ Perfect for standard PCR or fluorescent qPCR experiments.



KJ333-3



8-well Strip Detachable



KJ333-1



KJ333

REF	MAT					Original REF.
KJ333-3	PP	0.2mL×8×12	Individual pack or 10/20 PCS	200	Skirtless, clear, Detachable 8-well strip	113-96331
KJ333-1	PP	0.1mL×96		200	Transparent / White	113-96311
KJ333	PP	0.2mL×96		200	Transparent / White	113-96322



Self-sealing film and Sealing scraper

Self-sealing film

- ◆ Effective adhesive seal to prevent sample evaporation during PCR reactions.
- ◆ Removable from PCR plate without residue.
- ◆ Samples can be viewed through the transparent membrane.
- ◆ Free of human DNA, DNase, RNase and PCR inhibitors.



Sealing scraper

- ◆ Used for PCR plate sealing operation, the self-sealing film is in full contact with the edge of the well rim, resulting in a tight seal. Meanwhile, the rounded scraper edge design has no damage to the sealing film, avoiding possible risks.
- ◆ Non-disposable, can be reused after cleaning, sterilization and disinfection.



REF	MAT				Original REF.
KJ388-1	Plastics	80×130mm	100	Disposable	114-101
KJ388	ABS	70×85mm	Customized	Reusable	114-201

Capping and Decapping tool

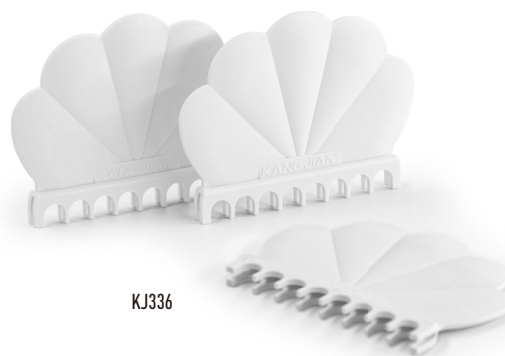
Capping

- ◆ Mainly used for sealing PCR tube strip, make the capping tight, easy and fast, and will not contaminate the sample inside the tube.
- ◆ Non-disposable, and can be reused after cleaning, sterilization and disinfection.



Uncapping

- ◆ Mainly used for opening cap strip on PCR plates, make the uncapping easy and fast.
- ◆ Non-disposable, can be reused after cleaning, sterilization and disinfection.



REF	MAT				Original REF.
KJ337	ABS	100×80×20mm	Customized	Reusable	115-001
KJ336	ABS	70×90×6.6mm	Customized	Reusable	115-081

Detachable ELISA Plate

Microplates are mainly used for Enzyme-Linked Immunosorbent Assay (ELISA). By adding reagents such as test samples, antibodies, enzyme-conjugated secondary antibodies and substrates, quantitative detection of biomolecules including proteins, hormones and antibodies in biological samples can be achieved.

They can also be used for enzyme activity assays, cell culture experiments, cytotoxicity assays, drug screening assays and other applications.

○ Manufactured from medical-grade polystyrene (PS) complying with USP Plastic Class VI standards; frame dimensions meet ANSI-SBS standards.

Microplates are available in different colors for various detection methods: transparent plates for colorimetric analysis, white plates for chemiluminescent detection, and black plates for fluorescent detection.

○ Surface is hydrophilically treated, offering high-binding and medium-binding versions. High-binding plates are suitable for low-concentration protein detection but tend to produce non-specific binding. Medium-binding plates are general-purpose, balancing sensitivity and specificity.

○ Detachable microplates feature separable strips and frames, available in 8-strip, 12-strip or 24-strip formats with high flexibility, ideal for experiments with variable sample volumes.

○ DNase/RNase-free, pyrogen-free, endotoxin-free, and free of inhibitors and heavy metal contamination.

○ Sterilized by irradiation, achieving a sterility assurance level of SAL = 10^{-6} .



REF	MAT					Original REF.
KJ511-5	PS	12 Wells Detachable Strip	128×85×16mm	Individually packaged	200	163-0121
KJ511-6	PS	8 Wells Detachable Strip		Individually packaged	200	163-0081
KJ511-7	PS	8 Wells Detachable Strip		Individually packaged	200	163-0082
KJ511-17	PS	24 Wells Detachable Strip		Individually packaged	200	163-0241
KJ511-10	LDPE	8 Concave Sealing Cap Strip	-	200	2000	163-1081

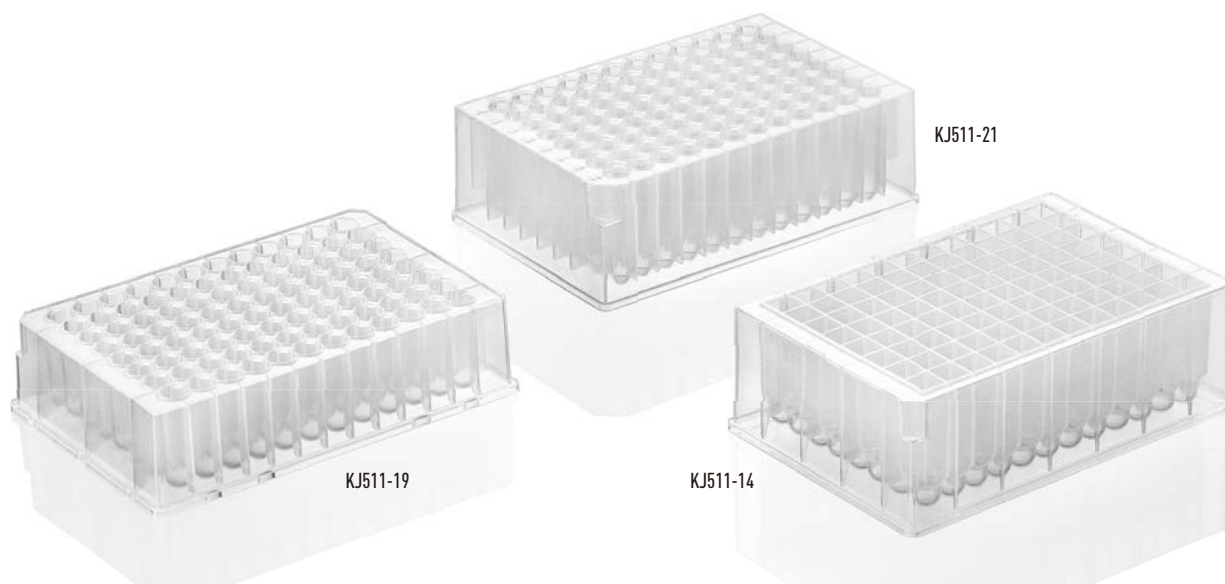
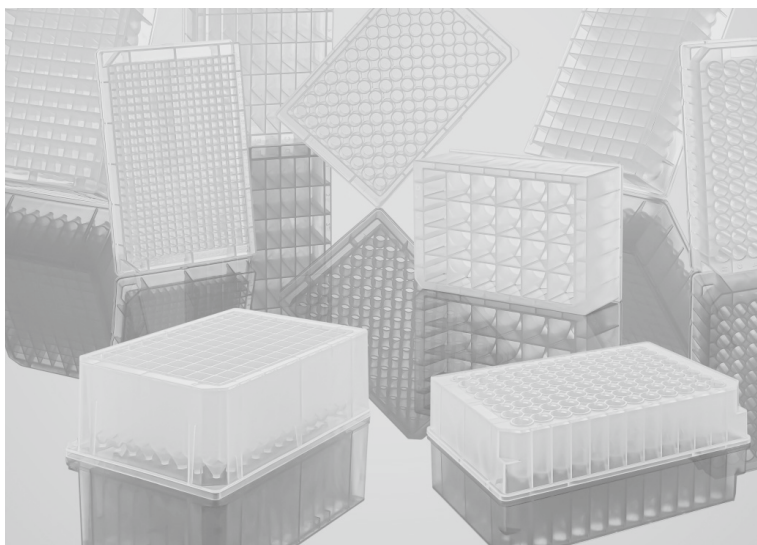
*Data for reference only. May vary by measurement methods & environment.



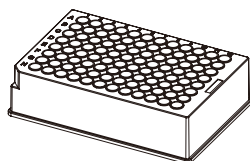
Deep-well Plate

Deep well plates are used in life science research for liquid storage and mixing in various experimental scenarios, and can be applied in nucleic acid extraction procedures. The multi-well design allows simultaneous storage of various solutions and reagents, with clear numbering on the plate surface for easy identification. Plates with different well configurations and depths can be selected according to experimental requirements.

- Manufactured from medical-grade polypropylene (PP) with excellent biocompatibility.
- Stable physical and chemical properties, high resistance to acid and alkali corrosion, autoclavable at 121°C, and suitable for cryogenic storage at -80°C.
- Available in square and round well shapes; well bottoms include U-bottom, V-bottom and flat-bottom designs to ensure minimal sample retention.
- Compliant with ANSI-SBS standards, compatible with multi-channel pipettes and automated systems.
- Reliable sealing performance: the top surface of the plate is flat and uniform, ensuring effective sealing.
- DNase/RNase-free, pyrogen-free, endotoxin-free, and free of inhibitors and heavy metal contamination.
- Sterilized by irradiation, achieving a sterility assurance level of SAL = 10⁻⁶.

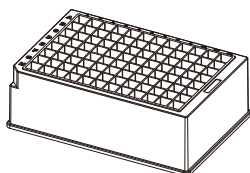


Round-well Plate



REF	MAT				*		Original REF.
KJ511-16	PP	1.0mL		96 wells, V-bottom	128×85×33mm	1 plate/pack×50 pack/carton	164-09611
KJ511-19	PP	1.0mL		96 wells, U-bottom	128×85×42mm	1 plate/pack×50 pack/carton	164-09612
KJ511-20	PP	2.0mL		96 wells, U-bottom	128×85×44mm	1 plate/pack×50 pack/carton	164-09613
KJ511-21	PP	2.0mL		96 wells, V-bottom	128×85×44mm	1 plate/pack×50 pack/carton	164-09614

Square-well Plate



REF	MAT				*		Original REF.
KJ511-15	PP	1.6mL		96 wells, U-bottom	128×85×32mm	1 plate/pack×50 pack/carton	164-09621
KJ511-22	PP	1.6mL		96 wells, V-bottom	128×85×32mm	1 plate/pack×50 pack/carton	164-09622
KJ511-23	PP	2.2mL		96 wells, Cone bottom	128×85×44mm	1 plate/pack×50 pack/carton	164-09623
KJ511-14	PP	2.2mL		96 wells, U-bottom	128×85×42mm	1 plate/pack×50 pack/carton	164-09624

*Data for reference only. May vary by measurement methods & environment.