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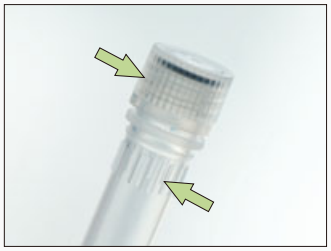
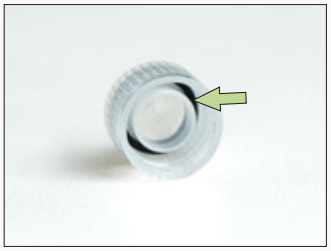
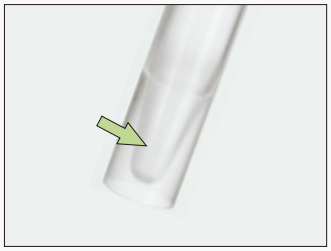
- KANGJIAN cryogenic tube is made of medical grade polypropylene (PP) and is endotoxin-free. They are disposable laboratory consumables dedicated to storing biological samples.
- The grooved cap and the tube body are easy for screw.
- The cap is upgraded to a double-shot molding process, which is more reliable for sealing and preventing leakage than common O-ring.
- Temperature range: -196°C (gas phase of LN2) to +121°C for different application requirements.
- Multiple color options for the cap.
- According to different requirements, there are ordinary grade and PCR grade. PCR-grade is free from DNA, DNase, RNase and endotoxin. Optional E.O. or irradiation sterile.



Ribbed design of cap and body for easy one-handed operation.



Double-shot molding process, anti-leakage.



V bottom is conducive to centralized processing of trace samples.

101-0501 (KJ320-3) | 101-1501 (KJ320-8) | 101-1502 (KJ320-1) | 101-2001 (KJ320-9) | 101-2002 (KJ320-2) | 101-2003 | 101-1801 (KJ318) | 101-5001 (KJ317)

REF	Original REF.	MAT					
101-0501	KJ320-3	Cap: PP+TPE Double-shot injection Tube: PP	Ø10×47mm	0.5mL	-196~+121°C	500	5000
101-1501	KJ320-8		Ø10×47mm	1.5mL	-196~+121°C	500	5000
101-1502	KJ320-1		Ø10×47mm	1.5mL	-196~+121°C	500	5000
101-2001	KJ320-9		Ø10×47mm	2.0mL	-196~+121°C	500	5000
101-2002	KJ320-2		Ø10×47mm	2.0mL	-196~+121°C	500	5000
101-2003	-		Ø10×50mm	2.0mL	-196~+121°C	500	5000
101-1801	KJ318	PP	Ø12×45mm	1.8mL	-80~+121°C	500	5000
101-5001	KJ317	PP	Ø16×60mm	5.0mL	-80~+121°C	200	2000

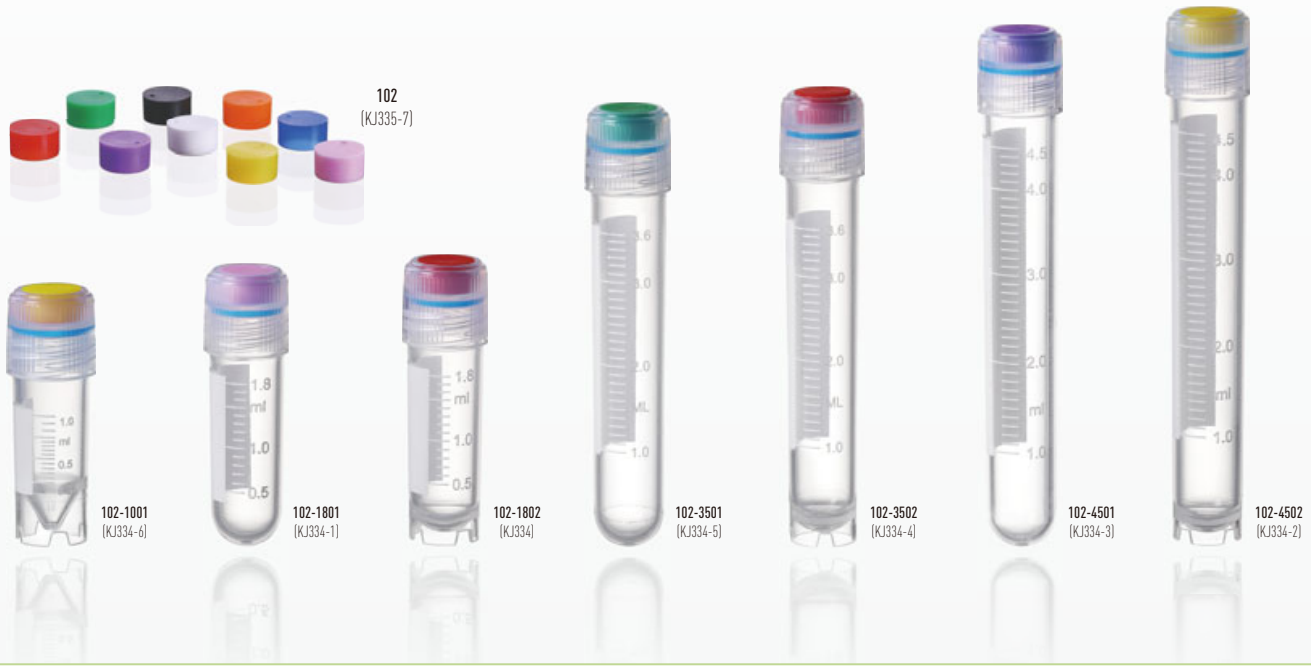
External Thread Cryotube

- The cryotube uses medical grade polypropylene (PP) as raw material and is a disposable laboratory consumable dedicated to storing biological samples.
- Temperature range: -196°C (gas phase of LN2) to +121°C for different application requirements.
- The external screw cap can reduce the chance of sample contamination
- The tube cap is upgraded to a double-shot molding process, which is leak-proof during operation according to safety standards. Good sealing is guaranteed even at the Ultra-low temperature, ensuring the safety of samples and laboratory personnel.
- The grooved design makes it easy to screw the cap. The cap is equipped with a embedded small color lid for easy identification (Multiple color options).
- The cap and the tube are made of PP raw materials with the same batch and model, so the same expansion coefficient ensures sealing.
- Barcodes and human readable codes are used for sample digital management and easy identification, and a large white area is convenient for marking.
- The curved bottom design is convenient for centralized liquid handling and reduces residue.
- According to different requirements, there are standard grade and PCR grade. PCR-grade is free from DNA, DNase, RNase and endotoxin. Irradiation sterilization is available.

Bar code + digital code, convenient for sample management.

Double-shot molding process, anti-leakage.

Embedded Color lid.

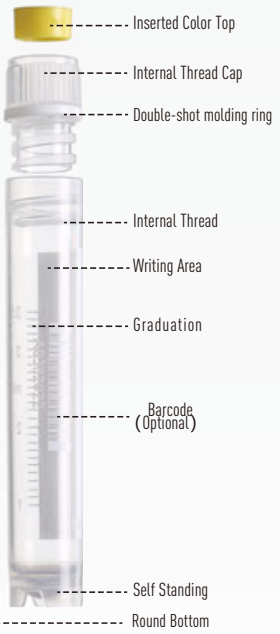


REF	Original REF.	MAT						
102-1001	KJ334-6	Cap: PP+TPE Double-shot injection Tube: PP	Ø12.5×42mm	1.0mL	-196~+121°C	500	5000	Self standing
102-1801	KJ334-1		Ø12.5×47mm	1.8mL	-196~+121°C	500	5000	Round bottom
102-1802	KJ334		Ø12.5×49mm	1.8mL	-196~+121°C	500	5000	Self standing
102-3501	KJ334-5		Ø12.5×75mm	3.6mL	-196~+121°C	200	2000	Round bottom
102-3502	KJ334-4		Ø12.5×77mm	3.6mL	-196~+121°C	200	2000	Self standing
102-4501	KJ334-3		Ø12.5×89mm	4.5mL	-196~+121°C	200	2000	Round bottom
102-4502	KJ334-2		Ø12.5×90mm	4.5mL	-196~+121°C	200	2000	Self standing
102	KJ335-7	PP	Ø9×5mm	Universal	-196~+121°C	1000	30000	Multi colour

Warning: The cryovials are suggested to be stored only in the gas phase above the liquefied surface (i.e., in the gas state of the liquid nitrogen). Do not immerse the cryovials directly into the liquid below the liquefied surface (e.g., in the liquid nitrogen) for preservation, to prevent accidents caused by rapid expansion of the gas pressure inside the tubes.

Internal Thread Cryotube

- The cryotube uses medical grade polypropylene (PP) as raw material and is a disposable laboratory consumable dedicated to storing biological samples.
- Temperature range: -196°C (gas phase of LN2) to +121°C for different application requirements.
- Tube cap upgraded to double-shot molding process. Ensure the safety of samples and laboratory personnel.
- The grooved design makes it easy to screw the cap. The cap is equipped with a embedded small color lid for easy identification (Multiple color options).
- The cap and the tube are made of PP raw materials with the same batch and model, so the same expansion coefficient ensures sealing.
- Barcodes and human readable codes are used for sample digital management and easy identification, and a large white area is convenient for marking.
- The curved bottom design is convenient for centralized liquid handling and reduces residue.
- According to different requirements, there are standard grade and PCR grade. PCR-grade is free from DNA, DNase, RNase and endotoxin. Irradiation sterilization is available.



Bar code + digital code, convenient for sample management.

Double-shot molding process, anti-leakage.

Embedded Color lid.

REF	Original REF.	MAT						
103-1001	KJ335-6	Cap: PP+TPE Double-shot injection Tube: PP	Ø12.5×40mm	1.0mL	-196~+121°C	500	5000	Self standing
103-1801	KJ335-1		Ø12.5×49mm	1.8mL	-196~+121°C	500	5000	Round bottom
103-1802	KJ335		Ø12.5×50mm	1.8mL	-196~+121°C	500	5000	Self standing
103-3501	KJ335-5		Ø12.5×77mm	3.6mL	-196~+121°C	200	2000	Round bottom
103-3502	KJ335-4		Ø12.5×79mm	3.6mL	-196~+121°C	200	2000	Self standing
103-4501	KJ335-3		Ø12.5×91mm	4.5mL	-196~+121°C	200	2000	Round bottom
103-4502	KJ335-2		Ø12.5×93mm	4.5mL	-196~+121°C	200	2000	Self standing

Warning: The cryovials are suggested to be stored only in the gas phase above the liquefied surface (i.e., in the gas state of the liquid nitrogen). Do not immerse the cryovials directly into the liquid below the liquefied surface (e.g., in the liquid nitrogen) for preservation, to prevent accidents caused by rapid expansion of the gas pressure inside the tubes.

Multi-coded Cryovials

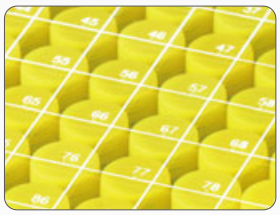
With the rapid development on the modern biotechnology, many biobanks are launched in the university labs, hospital sample library and research/testing center. To guarantee the safe, ordered and digitized management for the biobank, with purpose of preventing mistake by manual marking on the tubes and improving efficiency, cryovials with QR code is your most ideal choice.

- Made of pure polypropylene raw material in accordance with USP Class VI, produced in GMP Class 100,000 clean workshop. No burst, no leakage, good sealing when stored in ultra-hypothermia liquid nitrogen (-196˚C).
- The tube bottom is upgraded to a double-shot molding process.
- Multi code integrated in one: QR code on the tube bottom + bar code on writing area + Number code. Each tube has its unique identifying information. Laser etched QR code and bar code, no fading, no peeling, good stability.
- Clear black printed graduation, large white writing area on the tube, with multi-color optional cap colors.
- Hollow design for the bottom of the cryogenic box, especially used in centralized QR code scanning on the tube bottom by the bench top QR reader. The unique bar code on the box side can carry out convenient classified-querying and centralized management.
- DNA/RNA free, Non-pyrogenic, no endotoxin, no cytotoxicity. Irradiation sterilization is available.

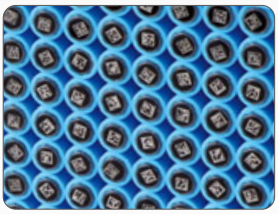
Laser etched QR code on the bottom.

Laser etched bar code and number code.

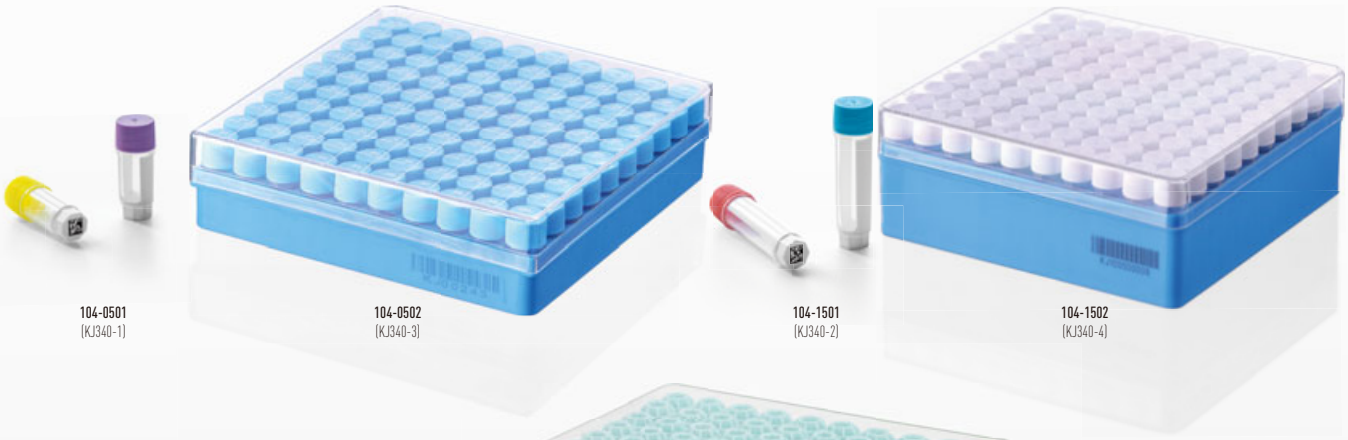
Bar code on the box.



Clear and precisely printed grid on the box lid.



Hollow design for centralized scanning by the reader.

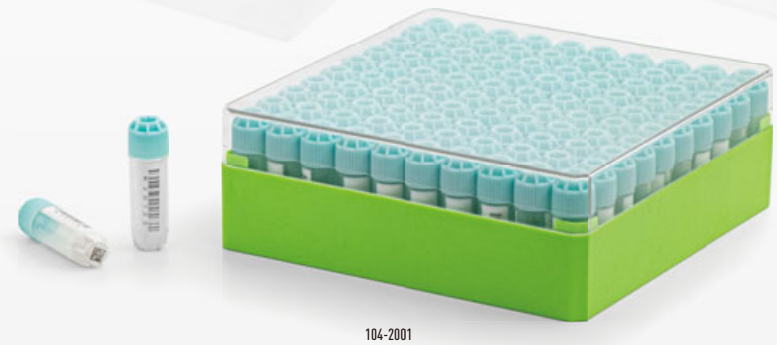


104-0501 (KJ340-1)

104-0502 (KJ340-3)

104-1501 (KJ340-2)

104-1502 (KJ340-4)



104-2001

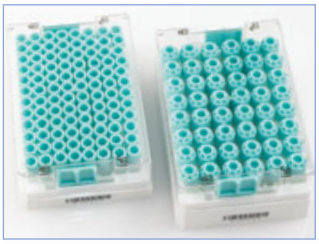
REF	Original REF.		MAT						
104-0501	KJ340-1	0.5mL	Tube:PP+PP Double-shot injection Box:PC	Ø12.3×31mm	-196~+121°C	500PCS/Bag	-	5000	STERILE R
104-0502	KJ340-3	0.5mL		133×133×33mm	-196~+121°C	-	100PCS/Storage box	2000	STERILE R
104-1501	KJ340-2	1.5mL		Ø12.3×47mm	-196~+121°C	500PCS/Bag	-	5000	STERILE R
104-1502	KJ340-4	1.5mL		133×133×51mm	-196~+121°C	-	100PCS/Storage box	2000	STERILE R
104-2001	-	2.0mL		Tube: Ø13×43mm Box:133×133×48mm	-196~+121°C	-	100PCS/Storage box	2000	STERILE R

Warning: The cryovials are suggested to be stored only in the gas phase above the liquefied surface (i.e., in the gas state of the liquid nitrogen). Do not immerse the cryovials directly into the liquid below the liquefied surface (e.g., in the liquid nitrogen) for preservation, to prevent accidents caused by rapid expansion of the gas pressure inside the tubes.

SBS Standard Cryostorage Vial

KANGJIAN® SBS standard cryovials adopt the international standard DataMatrix 2D barcode encoding rules and are designed to be compatible with the SBS standard racks that meet the ANSI/SLAS industry standards. They are suitable for use with automated equipment in biobanks and laboratories. The racks and cryovials are highly compatible, robust, easy to use, safe and reliable, with high traceability.

- Compatible with laboratory automation equipment (such as liquid workstations, automated refrigerators, etc.), the industry-standard SBS standard racks feature an 8x12 array layout. Racks are marked with multiple codes including barcodes and QR codes, ensuring traceability of the samples in the racks.
- The cryovials are made of medical-grade pure polypropylene. They are manufactured using a double-shot molding process, enduring temperatures from -196°C to +121°C, and are safe for storage in liquid nitrogen gas phase, allowing multiple freeze-thaw cycles.
- The caps are designed with an integrated sealing gasket to prevent leakage and ensure the seal of the tube. U-shaped bottom of the tubes facilitates the complete utilization of micro-samples.
- The bottom of each tube is laser-etched with an international standard DataMatrix 2D barcode, resistant to fading and wear, solvent-resistant, clear and readable. The combination of a QR code and a numeric code on the tube body provides triple assurance for easy identification and high traceability.
- Produced in a ISO Class 6 Cleanroom and sterilized by irradiation, the cryovials are free from RNase, DNase, endotoxins, and pyrogens.

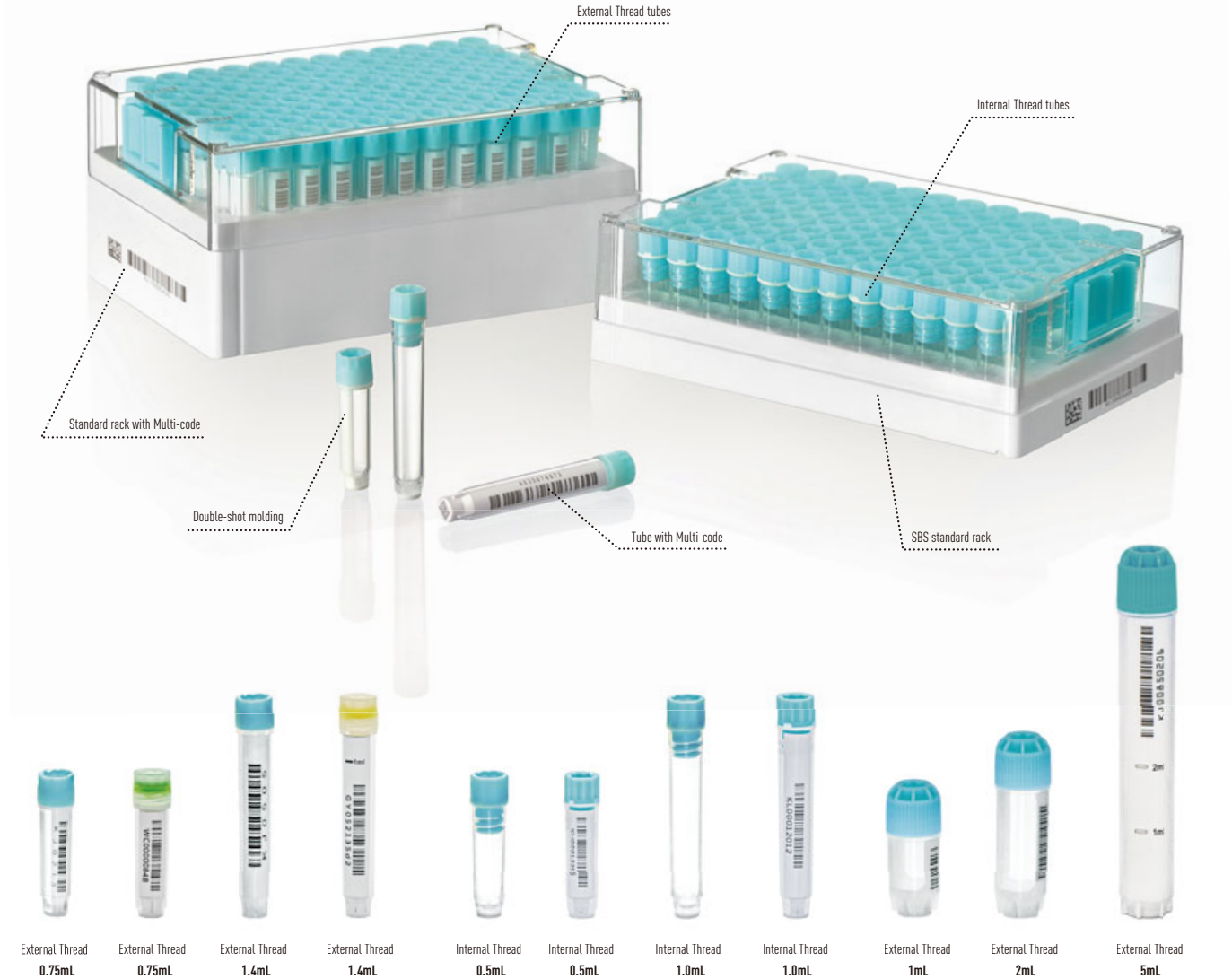


96-well and 48-well SBS Standard Cryovial Boxes

QR code and barcode marking on side of the box.

Laser etching QR code on bottom of tube, barcode and digital code on tube body, realize multi-code recognition.

Bottom of tube QR code for centralized scanning recognition by professional scanners.



SBS Standard Cryostorage Vial

External Thread, 0.75mL 1.4mL, 96wells

REF			MAT					
105-0501	0.75mL	External Thread	Box body: PP Box lid: PC Tube body: PP+PP, Double-shot molding Tube lid: PP	-196~+121°C	Tube: Ø7.8×34.2mm Box: 128×85×38mm	96	20	The cryostorage vials are suggested to be stored only in the gas phase of liquid nitrogen
105-1001	1.4mL				Tube: Ø7.8×52.3mm Box: 128×85×57mm	96	20	
105-0504	0.75mL	External Thread	Box body: PP Box lid: PC Tube body: PP+PP, Double-shot molding Tube lid: HDPE+TPE, Double-shot molding		Tube: Ø7.8×34.2mm Box: 128×85×38mm	96	20	
105-1004	1.4mL				Tube: Ø7.8×52.3mm Box: 128×85×57mm	96	20	

External Thread, 1mL 2mL, 48wells

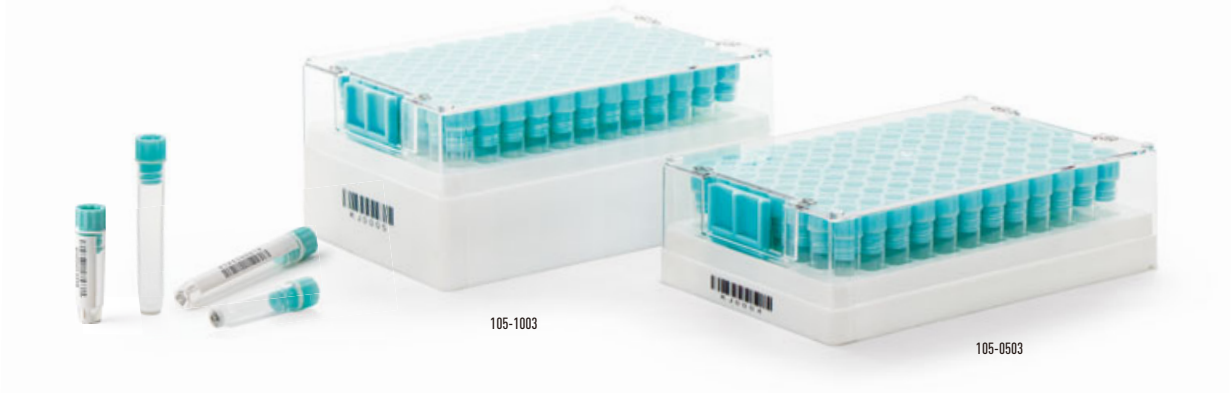
REF			MAT					
105-1005	1mL	External Thread	Box body: PP Box lid: PC Tube body: PP+PP, Double-shot molding Tube lid: HDPE+TPE, Double-shot molding	-196~+121°C	Tube: Ø13×31.5mm Box: 128×85×38mm	48	50	The cryostorage vials are suggested to be stored only in the gas phase of liquid nitrogen
105-1501	2mL				Tube: Ø13×43mm Box: 128×85×50mm	48	50	

SBS Standard Cryostorage Vial

External Thread, 2mL, 48wells

REF			MAT					
105-5001	5mL	External Thread	Box body: PP Box lid: PC Tube body: PP+PP, Double-shot molding Tube lid: HDPE+TPE, Double-shot molding	-196~+121°C	Tube: Ø13×80mm Box: 128×85×85mm	48	40	The cryostorage vials are suggested to be stored only in the gas phase of liquid nitrogen

Internal Thread, 0.5mL 1.0mL, 96wells



REF			MAT					
105-0503	0.5mL	Internal Thread	Box body: PP Box lid: PC Tube body: PP+PP, Double-shot molding Tube lid: PP+TPE, Double-shot molding	-196~+121°C	Tube: Ø9×34mm Box: 128×85×38mm	96	50	The cryostorage vials are suggested to be stored only in the gas phase of liquid nitrogen
105-1003	1.0mL				Tube: Ø9×52mm Box: 128×85×57mm	96	50	

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