SPECIMEN CONTAINER

07

Specimen Cups (Safe & Leak-proof Type)

- Constructed from medical-grade virgin PP (polypropylene), maintaining structural integrity at high temperatures without deformation. Available in varied capacities and cap colors to accommodate diverse specimen collection and experimental requirements.
- Engineered for secure biological specimen collection and transportation, effectively preventing sample desiccation and leakage. Suitable for sealed preservation of urine, feces, saliva, semen, reagents, preservatives, and other specimens requiring containment.
- Integrated audible "click" snap lock provides tactile and auditory confirmation when securely tightened, ensuring leak-proof closure while preventing thread stripping caused by over-tightening.
- Injection-molded graduations feature high-visibility triple-scale layout equally spaced around the cup perimeter, enabling rapid volume reading without rotation.
- Biosecure sealing guarantees contamination-free storage and transportation compliance.
- Sterilization options: EO (ethylene oxide) or Radiation.


KJ532-1


KJ532-2


KJ532-3


KJ532-4


KJ532-5


KJ532-6

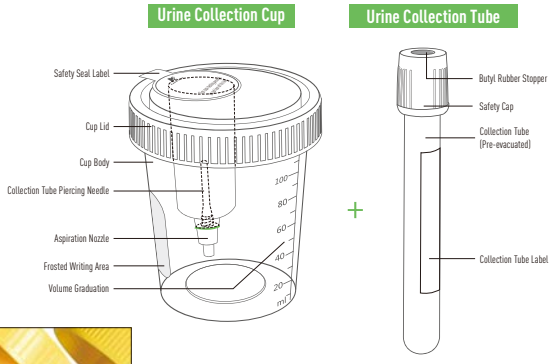

KJ532-7

REF		MAT	*	STERILE			Original REF.
KJ532-1	120mL	PP	Ø53×82mm		25	250	075-12001
KJ532-2	80mL	PP	Ø53×68mm		50	400	075-08001
KJ532-3	60mL	PP	Ø44×61mm	STERILE EO	40	600	075-06001
KJ532-4	40mL	PP	Ø44×50mm	or	20	800	075-04001
KJ532-5	20mL	PP	Ø30×50mm	STERILE R	50	800	075-02001
KJ532-6	250mL	PP	Ø83×80mm		-	100	075-25001
KJ532-7	500mL	PP	Ø83×110mm		-	50	075-50001

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

Urine Container with Transfer device

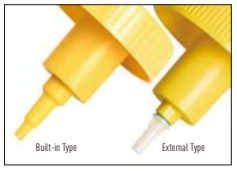
◆ The system comprises a urine collection cup and a pre-evacuated urine collection tube, intended for urine specimen collection and contamination-free pre-test processing.
◆ With superior airtight sealing, it effectively prevents specimen leakage and cross-contamination, facilitates specimen storage and transport, and eliminates direct contact between patients/medical personnel and the specimen. This reliable sealing ensures strict pre-analytical quality control, supporting full standardization of specimen testing.
◆ The user-friendly design enables an easy, convenient, safe and efficient closed-loop urine collection workflow, effectively preventing environmental contamination and maintaining a sanitary working environment.
◆ Sterilization options: ethylene oxide (EO) or gamma irradiation.




Humanized warning design to remind patients to avoid hand injury from the puncture needle during operation.


The puncture needle, protected by a silicone sleeve, is fitted inside the hole of the cup lid.


The grooved design on the inner surface of the collection cup lid fits precisely with the cup rim, effectively preventing urine leakage from the cup.



Two distinct liquid suction nozzle designs: both built-in and external types can effectively ensure rapid aspiration of urine from the cup into the collection tube.

REF	MAT	*	*					Original REF.
KJ527-5	PP	Ø54×64mm (External Type)	60 (Capacity: 45～25)mL	50	-	400		071-06041
KJ527-10	PP	Ø52×64mm (Built-in Type)	60 (Capacity: 45～25)mL	50	-	300		071-06042
KJ527-6	PP	Ø58×65mm (External Type)	90 (Capacity: 70～30)mL	50	-	300		071-09021
KJ527-7	PP	Ø65×75mm (External Type)	100 (Capacity: 80～30)mL	50	-	300		071-10026
KJ527-11	PP	Ø65×75mm (Built-in Type)	100 (Capacity: 80～30)mL	50	-	300	STERILE EO or STERILE R	071-10027
KJ527-8	PP	Ø60×73mm(External Type)	100 (Capacity: 80～30)mL	50	-	300	or no sterilize	071-10032
KJ527-9	PP	Ø60×73mm(External Type)	100 (Capacity: 80～30)mL	50	-	300		071-10042
KJ759	PET	Ø16×100mm(Round bottom)	10mL	-	100	1200		071-01010
KJ757	PET	Ø16×100mm(Conical bottom)	10mL	-	100	1200		071-01011

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

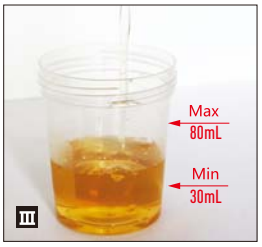
KANG JIAN® MEDICAL

Urine Container with Transfer device

Urine collection process

Ⅰ. Open the cap anticlockwise.
(Attention: Do not touch or get off the label)

Ⅱ. Put the cap on a clean surface.(Attention: Do not touch the suction nozzle and the inner surface of the cap and container)



Ⅲ. Collect the urine sample.Recommended volume: 60mL.

Ⅳ. Turn the cap tightly on the cup clockwise and send the container to test center.

Urine collection of medical staff

Ⅴ. Gently mix the urine specimen before transferring.

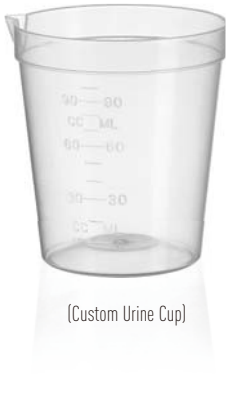
Ⅵ. Partially remove the cap protection label.

Ⅶ. Insert the vacuum tube into the cavity and gently press down. The needle will puncture into the tube. Keep the tube pressed until it is full.

Ⅷ. Remove the tube after it is filled completely and restick the protection label over hole.

Ⅸ. Gently shake the urine tube and finish the sampling process.

Simplified Urine Collector Container



How to use

REF	MAT	*					Original REF.
KJ533	PP	Length: 140mm	-	100	-	1000	071-14015
KJ759	PET	Ø16×100mm(Round bottom)	10mL	-	100	1200	071-01010
KJ757	PET	Ø16×100mm(Conical bottom)	10mL	-	100	1200	071-01011

STERILE EO or STERILE R
or no sterilize

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

Urine DNA Sample Preservation Tube

◆ Compared with conventional blood DNA sample collection, urine DNA sample collection is a new non-invasive and painless method for human DNA sample collection. The urine DNA sample preservation tube can preserve not only the genome in urine but also cell-free circulating DNA (cfDNA) in urine. Studies have demonstrated that part of plasma cfDNA originates from tumors, fetuses and transplanted organs, and plasma cell-free DNA can pass through the kidneys into urine, which brings great application value for non-invasive diagnosis.

◆ After urine sample collection, the urine DNA sample preservation tube can stably preserve DNA at 6–35°C for up to 7 days. Composed of EDTA anticoagulant and a special protective agent, it can effectively inhibit nucleases in urine, prevent the release of genomic DNA from exfoliated cells in urine, and also preserve blood cells in urine. Featuring convenient collection, non-invasiveness, and storage and transportation at room temperature, it greatly facilitates the transportation and storage of urine samples. This product is suitable for research related to non-invasive prenatal screening and early diagnosis of certain diseases.

◆ The urine DNA sample preservation tube is a negative-pressure tube made of PET material, with a built-in fixed volume of urine DNA sample preservation solution, used for the collection and preservation of urine samples from urine collection cups.

◆ Precautions for Urine Collection

1. It is recommended to collect urine volume sufficient for 2 urine DNA sample preservation tubes. Excessive or insufficient urine volume will lead to an inappropriate urine/protective agent ratio and fail to achieve optimal test results.
2. Discontinue use if precipitation or insoluble substances are found in the product before use.
3. First-morning urine is preferred. Invert the preservation tube gently up and down 10 times immediately after urine collection. Insufficient or excessive mixing may affect the test results.

◆ Cell-Free DNA Extraction Method

1. Urine separation: Centrifuge the urine DNA sample preservation tube at 4000 rpm for 10 minutes. Aspirate the upper layer of urine into a new centrifuge tube, taking care not to aspirate exfoliated cells at the bottom of the urine in the tube.
2. Cell-free DNA extraction: The separated urine can be used for cell-free DNA extraction with a corresponding commercial kit.

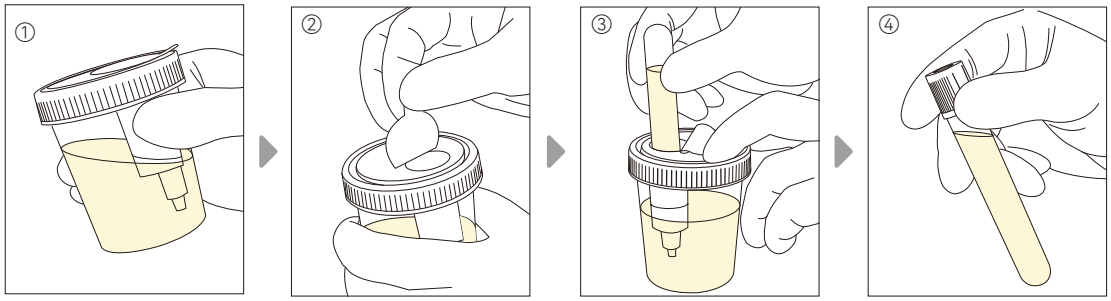
◆ DNase-free, RNase-free, pyrogen-free, and customizable barcode labels are available.

KJ759-1

REF	MAT			STERILE				Original REF.
KJ759-1	Collection cup: PP	100mL	-	STERILE EO or STERILE R	50	-	300	071-10052
	Storage tube: PET	10mL	Special DNA Preservation Solution 2 mL	STERILE EO	-	100	1200	

Cup lid and tube cap colors are customizable.

How to use



① Shake the urine sample in the urine collection cup thoroughly.

② Peel off the protective sticker to expose the collection port.

③ Take the DNA sample preservation tube, insert it cap-down into the collection port and press down. The puncture needle will pierce the rubber stopper at the bottom of the cap. Under atmospheric pressure, approximately 8 mL of urine will be fully pressed into the tube.
(It is recommended to collect 2 tubes of urine sample.)

④ Immediately invert the DNA sample preservation tube gently up and down about 10 times to fully mix the urine in the tube with the pre-filled DNA preservation solution, completing the sample collection.

Urine Container

◆ Urine Specimen Cup (Measuring Cup) is manufactured from medical-grade polypropylene (PP) or polystyrene (PS). PP cups withstand autoclaving at 121 ℃ with no deformation. Available in a full range of styles, capacities and lid colors to suit diverse specimen collection and laboratory testing protocols.
◆ The cup features clear, legible volume graduations and a large frosted writing area for easy labeling by laboratory personnel.
◆ Superior leak-proof seal effectively prevents specimen leakage and cross-contamination, simplifies storage and transportation, eliminates direct contact between specimens and patients/medical staff, and ensures maximum biosafety and operational reliability.
◆ In addition, the reliable sealing performance guarantees pre-analytical quality control, supporting full standardization of sample testing workflows.
◆ Customization options include DNase-free, RNase-free, pyrogen-free versions and custom barcode labels, tailored to specific application requirements.
◆ Sterilization options: Ethylene Oxide (EO), irradiation, or non-sterile.


Custom labels


Individually sterilized packaging


KJ512


KJ513-2


KJ515-2


KJ517-1


KJ524-3


KJ525


KJ524-5

REF		MAT	*				Original REF.
KJ512	100mL	PP	Ø60×73mm	1	250	Individual Pack STERILE EO or STERILE R	071-10013
	100mL	PP	Ø60×73mm		250	Bluk Pack	071-10010
KJ513-2	120mL	PP	Ø64×75mm	1	250	Individual Pack STERILE EO or STERILE R	071-12013
	120mL	PP	Ø64×75mm		250	Bluk Pack	071-12010
KJ515-2	60mL	PP	Ø53×65mm	1	300	Individual Pack STERILE EO or STERILE R	071-06013
	60mL	PP	Ø53×65mm	20	500	Bluk Pack	071-06014
KJ517-1	60mL	PP	Ø49×57mm	1	300	Individual Pack STERILE EO or STERILE R	071-06023
	60mL	PP	Ø49×57mm	20	600	Bluk Pack	071-06024
KJ524-3	40mL	PS	Ø42×59mm	20	500	Bluk Pack	071-04013
KJ525	60mL	PP	Ø43×68mm	1	500	Individual Pack STERILE EO or STERILE R	071-06033
	60mL	PP	Ø43×68mm	20	500	Bluk Pack	071-06034
KJ524-5	40mL	PP	Ø43×62mm	20	500	Individual Pack STERILE EO or STERILE R	071-04073

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

Urine Container


KJ531

KJ532


KJ516


KJ517-2


KJ517-3


KJ517-5


KJ524 KJ529 KJ530

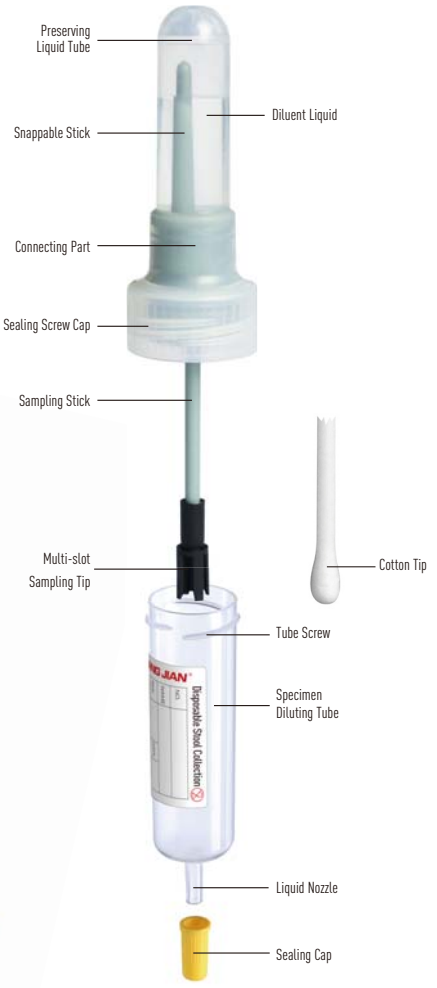
REF		MAT	*				Original REF.
KJ531	90mL	PP	Ø58×67mm	1	300	Individual Pack STERILE EO or STERILE R	071-09013
KJ532	120mL	PP	Ø59×88mm	1	250	Individual Pack STERILE EO or STERILE R	071-12023
	120mL	PP	Ø59×88mm		250	Bluk Pack	071-12020
KJ516	40mL	PVC	Ø78×36mm	500	10000	Transparen	071-04034
	40mL	PVC	Ø78×36mm	500	10000	White	071-04044
KJ517-2	40mL	PP	Ø48×47mm	40	800	Snap Cap STERILE EO	071-04055
	40mL	PP	Ø48×47mm	40	800	Snap Cap	071-04054
KJ517-3	40mL	PP	Ø48×47mm	40	800	Snap Cap+Label	071-04064
KJ517-5	40mL	PP	Ø48×45mm	40	800	Hinged snap cap+Label	071-04083
KJ524	30mL	PS	Ø31×93mm	50	500	Double-shot molding Cap	071-03014
KJ529	30mL	PS	Ø31×94mm	50	500	Double-shot molding Cap	071-03024
KJ530	30mL	PP	Ø31×94mm	50	500	Double-shot molding Cap	071-03034

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

Dual-Chamber Specimen Collection & Processing System

This product is intended for specimen collection and pre-treatment of fecal samples for routine stool examination, FOB testing, microbiological assays, rotavirus detection, and other custom-developed test items. Scientific structure and humanized design prevents medical staff and the environment from being polluted during specimen collection and pre-treatment. Integrated sealing method makes the operation easier and safer. It is the ideal consumable used in clinical labs which will make the test result more accurate.

- It is composed of preserving liquid tube(with diluents inside), snappable stick, connection part, sealing screw cap, Sampling tip and specimen diluting tube, etc.
- The integrated sealing design ensures the pre-treatment done in a completely sealed container. Easy, convenient, and safe.
- The multi-groove design can make the specimen collection standardized and quantified.
- The sampling stick is strong for sampling without deformation.
- Made of superior PE material, the preserving liquid tube has proper thickness with good elasticity.
- The snappable stick in the preserving liquid tube is hollow, can be easily broken off with pressing it at a 30º angle. 2mL diluent will flow into the diluting tube smoothly.
- E.O. or radiation sterile available.



REF		MAT	*				Original REF.
KJ534	Pre-set 2.5mL Normal saline	PP	Ø25×125mm	100	1000	Slot-type sampling tip	072-12514
			Ø25×125mm	100	1000	Slot-type sampling tip STERILE EO or STERILE R	072-12515
KJ534-2			Ø24×127mm	100	1000	Scoop sampling tip with filter	072-12516
			Ø24×127mm	100	1000	Scoop sampling tip with filter STERILE EO or STERILE R	072-12517
KJ534-1			Ø25×170mm	100	1000	Cotton sampling tip	072-17014
			Ø25×170mm	100	1000	Cotton sampling tip STERILE EO or STERILE R	072-17015

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

How to use

①Open the sampling device, hold the preserving liquid tube side and collect the sample to fill the groove, Attention: Specimen and its volume should meet the request of the test.

②Put the sampling stick into the dilutingtube and screw on the sealing cap tightly to finish the sampling.

③The test staff needs to hold the collector and press the middle part of the preserving liquid tube to break off the snappable stick. Gently squeeze the tube and make the diluent flow into the below diluting tube completely.

④Gently shake the sampling device in order to make the specimen separated from the sampling tip and mix completely with the diluents.

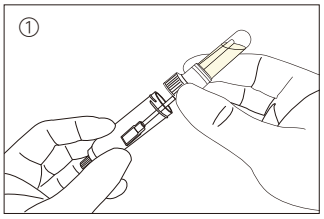
⑤Take off the yellow sealing cap on the diluting tube and gently squeeze the preserving liquid tube. The mixed liquid will flow out from the liquid nozzle, thus to finish pre-treatment work.

Stool DNA Preservation Tube

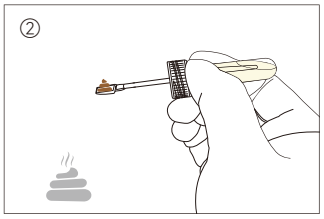
The product consists of a fecal collection tube (or device) pre-filled with DNA preservation solution. Each tube can preserve up to 0.5 g of fecal sample. The solution stably preserves host and microbial DNA in feces for at least 60 days at room temperature, and can be stored long-term at -20 °C and -80 °C. It also effectively prevents changes in microbial composition during room-temperature storage. This product is easy to use and is widely applicable for collection and preservation of fecal samples at room temperature in hospitals, research institutes, households, and other settings.

- Convenient storage: Allows collection and preservation of fecal samples at room temperature, protects host and microbial DNA from degradation, and prevents microbial contamination.
- Simple sampling: Use the spoon attached to the tube cap (or collection processor) to directly scoop a fecal sample, then immerse and mix it thoroughly in the room-temperature preservation solution.
- Broad downstream compatibility: DNA extracted from the preservation solution is suitable for various downstream genetic tests, including PCR, microarray analysis, and next-generation sequencing (NGS).
- Sterile design: Both the preservation tube and the collection spoon are sterile, minimizing contamination of samples by microorganisms or their residual DNA from the consumables.
- Wide application: Suitable for fecal sample collection and preservation at room temperature in hospitals, households, universities, research institutes, and other settings.

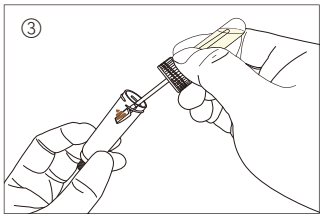
Instructions for KJ534-4



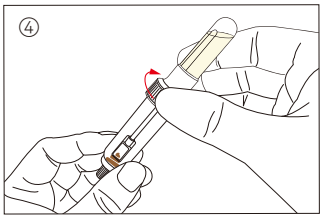
① Unscrew the sampler as shown.



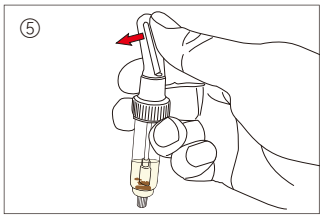
② Use the small spatula to collect approximately 0.5g of fresh fecal sample.



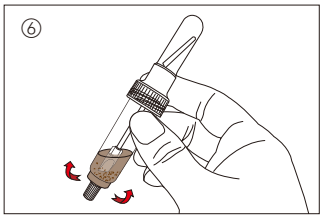
③ Quickly place the fecal sample into the tube.



④ Tighten the sampler.



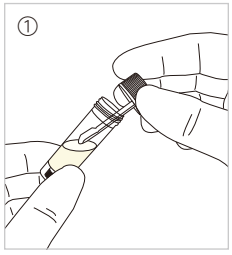
⑤ Snap off the break rod as shown, allowing the DNA preservation solution to flow completely into the lower tube through the diversion hole.



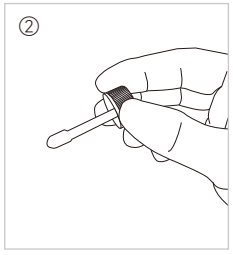
⑥ Shake repeatedly to thoroughly mix the fecal sample with the DNA preservation solution, completing the collection.

KJ534-4

Instructions for KJ524-15

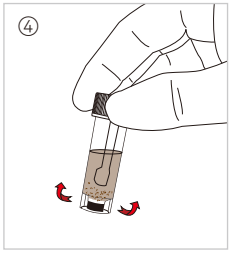


① Unscrew the preservation tube.



② Use the spoon attached to the tube cap to scoop approximately 0.5g of fresh feces.

③ Place the fecal sample into the preservation tube and tighten the cap.



④ Shake the tube repeatedly to thoroughly mix the fecal sample with the DNA preservation solution, completing the collection.

KJ524-15

REF	MAT	*		STERILE				Original REF.
KJ534-4	PP	Ø24×127mm	DNA Preservation Solution 2.5mL	STERILE R	100	1000	Stool DNA Collection Processor (w/ Filter)	071-12518
KJ524-15	PP	Ø16×58mm	DNA Preservation Solution 3mL	STERILE R	200	2000	Stool DNA Preservation Tube (w/ QR Code)	071-01516

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

Stool Container

◎ The fecal specimen cup is mainly made of medical-grade PP (Polypropylene) or PS (Polystyrene). The PP specimen cup can withstand a high temperature of 121 ℃ and autoclaving without deformation. Designs with various styles, capacities and cup lid colors are available to meet the requirements of different specimen collection and experimental applications.
◎ The sampling spoon is integrally injection-molded with the cup lid, ensuring more reliable stool sample collection. The large-area frosted surface facilitates writing and marking by laboratory personnel.
◎ The product features excellent sealing performance, which effectively prevents specimen leakage and contamination, facilitates specimen storage and transportation, avoids contact between patients/medical staff and the specimen, and guarantees safety and reliability.
◎ Customized labels are available according to customer requirements.
◎ Optional sterilization methods are supported: Ethylene Oxide (EO) sterilization, irradiation sterilization, or non-sterilized.

REF		MAT	*				Original REF.
KJ513-1	30mL	PP	Ø39×29mm	100	1200	Snap cap, Black cup	072-03014
KJ514				100	1200	Snap cap, White cup	072-03024
KJ515	60mL	PP	Ø49×57mm	1	300	Individual Pack STERILE EO or STERILE R	072-06013
				20	500	Bulk Pack	072-06014
KJ515-1	60mL	PP	Ø53×64mm	1	300	Individual Pack STERILE EO or STERILE R	072-06023
				20	300	Bulk Pack	072-06024
KJ524-4	40mL	PS	Ø42×59mm	20	500	Integrated cap and spoon injection molding	072-04044
KJ524-12	40mL	PP	Ø38×62mm	20	500	Bulk Pack	072-04025
KJ524-13	40mL	PS	Ø42×59mm	20	500	Bulk Pack	072-04014
KJ526	40mL	PP	Ø43×68mm	1	500	Individual Pack STERILE EO or STERILE R	072-04023
				20	500	Bulk Pack	072-04024
KJ529-1	40mL	PP	Ø48×47mm	40	800	White Cup, Blue Snap Cap	072-04034

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

Stool Container

KJ529-2

KJ523

KJ523-2

KJ524-6

KJ524-11

KJ524-14

KJ524-7

KJ524-10

KJ542

KJ743

REF		MAT	*				Original REF.
KJ529-2	60mL	PS	Ø49×57mm	35	420	Integrated cap and spoon injection molding	**072-06034**
KJ523	30mL	PS	Ø30×90mm	50	800		**072-03034**
KJ523-2	30mL	PS	Ø30×90mm	50	800	Integrated cap and spoon injection molding	**072-03044**
KJ524-6	5mL	PP	Ø16×72mm	250	2500		**072-00524**
KJ524-11	5mL	PP	Ø13.5×64mm	300	3000	Integrated cap and spoon injection molding	**072-00534**
KJ524-14	5mL	PP	Ø16×58.4mm	200	2000	Integrated cap and spoon injection molding Printed Graduation	**072-00535**
KJ524-7	10mL	PS	Ø32×75mm	50	800	Integrated cap and spoon injection molding	**072-01014**
KJ524-10	15mL	PP	Ø21×80mm	50	800	Integrated cap and spoon injection molding	**072-03064**
KJ542	5mL	PP	Ø16×58mm	50	800	Integrated cap and spoon injection molding	**072-01515**
KJ743	10mL	PS	Ø9×75mm	100	1000	Anorectal stool collector STERILE R	**072-01035**

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

Sputum Container

◎ Main material: medical-grade polypropylene (PP) / polystyrene (PS). PP cups withstand autoclaving at 121 ℃ without deformation. Available in multiple styles, capacities and lid colors for diverse specimen collection and laboratory needs.
◎ Lid fitted with leak-proof gasket to prevent specimen leakage & contamination, for easy storage and transportation.
◎ Custom screen-printed volume graduations and labels available on request.
◎ Sterilization options: Ethylene Oxide (EO), irradiation.


KJ518


KJ518-2


KJ518-3


KJ518-4

KJ519-6


KJ518-1


KJ519


KJ519-1


KJ519-2

REF	MAT	*					Original REF.
KJ518	PS	Ø42×59mm	40mL	1	500	Individual Pack, STERILE EO or STERILE R	**073-04013**
				20	500	Bluk Pack	**073-04014**
KJ518-2	PP	Ø43×68mm	60mL	1	500	Individual Pack, STERILE EO or STERILE R	**073-06013**
				20	500	Bluk Pack	**073-06014**
KJ518-3	PS	Ø30×86mm	25mL	50	500		**073-02514**
KJ518-4	PP	Ø30×86mm	25mL	50	500		**073-02534**
KJ519-6	PS	Ø30×84mm	25mL	50	500	Printed Graduation	**073-02544**
KJ518-1	PS	Ø43×25mm	20mL	50	800		**073-02014**
KJ519	PP	Ø55×32mm	30mL	20	500		**073-03014**
KJ519-1	PP	Ø48×47mm	40mL	40	800		**073-04034**
KJ519-2	PP	Ø45×33mm	20mL	50	800		**073-02024**

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

Saliva (Sputum) DNA Sample Collection Kit

Compared with blood-based DNA sample collection, saliva (sputum) DNA sample collection offers a non-invasive, pain-free alternative for DNA acquisition. It causes no discomfort to sample donors and is highly acceptable, thus maximizing the sampling scope for genetic research, and is particularly suitable for large-scale population surveys in molecular epidemiology. Saliva (sputum) DNA samples can be stored for years at room temperature, and are environmentally friendly and easy to transport.

The Saliva (Sputum) DNA Sample Collection Kit consists of a collection funnel and a DNA sample preservation tube, ensuring stable preservation of saliva (sputum) DNA samples. The DNA preservation solution pre-filled in the tube rapidly inhibits nucleases in saliva and stabilizes saliva (sputum) DNA. DNA samples in the preservation tube can be stored and transported for up to 1 year at room temperature. The extracted DNA is compatible with a wide range of downstream genetic assays, including PCR, microarray analysis, and Next-Generation Sequencing (NGS).

◎ The collection funnel is mainly manufactured from medical-grade polystyrene (PS) for saliva (sputum) collection. The DNA sample preservation tube is made of PET polymer material, pre-set with negative pressure and pre-filled with 1mL of DNA preservation solution, intended for the collection and preservation of saliva (sputum) samples.

◎ This product is suitable for the collection, preservation and transportation of DNA samples for hereditary disease screening, genomic testing and disease detection.

◎ This product enables non-invasive sample collection with safe and convenient operation. Meanwhile, saliva samples have no contact with laboratory personnel and no contamination risk, and can be directly applied to automated detection without secondary sample transfer.

◎ Manufactured in a cleanroom environment, DNase-free, RNase-free, and pyrogen-free.

◎ Sterilization options: Ethylene Oxide (EO) or irradiation sterilization.

Red prohibition mark indicates the position of the suction hole.

Rectangular saliva specimen collection port and round suction hole.

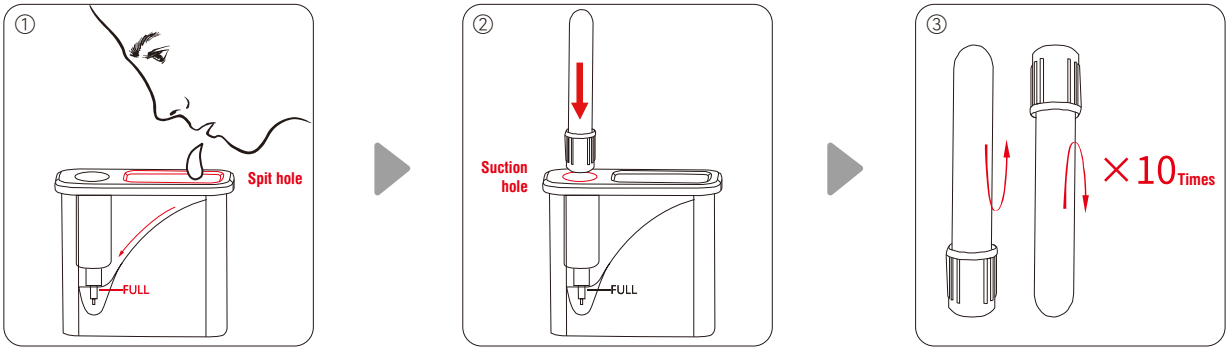
A puncture needle is built in the suction hole. Non-specialized persons are prohibited from removing the upper label to avoid hand injury.

The lower suction head is sealed with the silicone gasket to the bottom of the suction hole to ensure that the saliva is completely sucked into the DNA sample preservation tube.

REF		MAT	*	STERILE				Original REF.
KJ535	-	PS	75×35×65mm	Irradiation	20	500	Saliva container, bulk packed in bag	073-00015
KJ535-1	1 mL DNA Preservation Solution	PET	Ø16×100mm	Irradiation	100 per rack	1200	Vacuum saliva collection tube	

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

How to use



① Rinse your mouth thoroughly with clean water before use. Then gently knead your cheeks to facilitate saliva secretion (This step is not required for sputum samples). Gently spit saliva (sputum) into the spit hole, and allow the saliva to flow along the diversion channel to the bottom "FULL" mark line (approx. 1 mL). Saliva foam is not included in the required volume.

② Insert the DNA preservation tube fully into the round suction hole with gentle force in the direction of the red arrow, and leave it in place for several seconds. Under the action of air negative pressure, saliva (sputum) will be pressed into the tube. Pull the tube upward after suction is complete.

③ Invert the DNA sample preservation tube with collected saliva (sputum) 10 times to ensure thorough mixing of the saliva (sputum) with the DNA preservation solution in the tube, and complete the sampling procedure.

Saliva (Sputum) DNA Sample Collection Kit

This product can be directly used for the collection, preservation and transportation of saliva or sputum samples, and stabilizes the Cell-Free DNA (cfDNA) or virus samples therein via the preservation solution. It is applicable to molecular diagnostic assays (including but not limited to Polymerase Chain Reaction (PCR) or branched DNA (bDNA) amplification technology), virus detection, or other in vitro diagnostic (IVD) tests using saliva samples.

◎ This product consists of a saliva collector (collection funnel + sample collection tube), a sample collection tube cap, and a preservation solution tube (pre-filled with 2mL of cfDNA preservation solution or virus sample preservation solution).

◎ It enables the collection, preservation and transportation of cfDNA or virus samples in saliva specimens at room temperature.

◎ For virus sample collection, different virus sample preservation solutions can be customized, such as Viral Transport Medium (VTM, pink), inactivator-containing preservation solution (colorless), or normal saline.

◎ For DNA sample collection, the pre-filled DNA preservation solution is compatible with various DNA extraction and purification kits, and can stably preserve cfDNA for up to 24 months at room temperature.

◎ The collection procedure is painless and non-invasive, and supports self-collection at home with higher convenience.

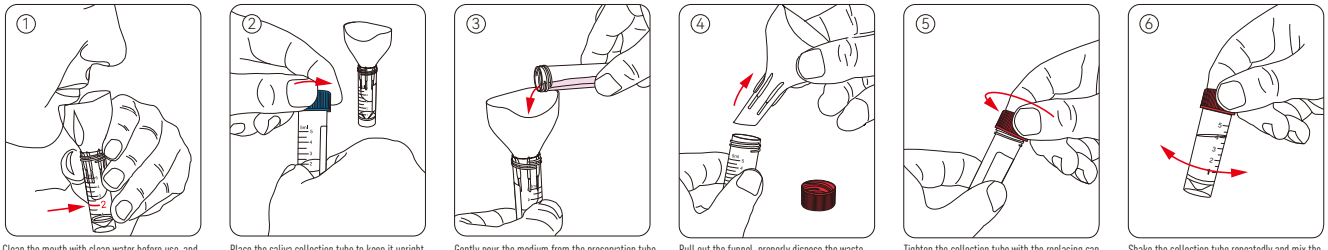
◎ The collection funnel features an ergonomic design that fits the contour of the human mouth, ensuring easy operation. The cap is equipped with a leak-proof gasket for tight sealing and leakage prevention.

◎ The product can be customized to be DNase-free, Nase-free and pyrogen-free according to the application. Sterilization by Ethylene Oxide (EO) or irradiation is optional.

REF	Funnel	Tube*	Preservation Solution			Original REF.
KJ536-3	Thread type	5mL, Ø16×60mm	Normal saline Optional: Non-inactivated medium Inactivated medium	200	Used for virus sample collection.	073-00125
KJ536-4	Insert type	5mL, Ø16×60mm		200		073-01125
KJ536-5	Insert type	7mL, Ø13×84mm		200		073-01127
KJ536-6	Insert type	10mL, Ø16×100mm		200		073-11510
KJ536	Thread type	5mL, Ø16×60mm	DNA preservation solution 2mL	200	Used for molecular diagnosis, DNA genetic identification, etc.	073-00025
KJ537	Insert type	5mL, Ø16×60mm		200		073-01025
KJ536-1	Insert type	7mL, Ø13×84mm		200		073-01027
KJ536-2	Insert type	10mL, Ø16×100mm		200		073-10510

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

How to use



1. Clean the mouth with clean water before use, and gently spit 2mL of saliva into the collection funnel (the volume does not contain saliva foam).
2. Place the saliva collection tube to keep it upright, and unscrew the cap of the preservation tube.
3. Gently pour the medium from the preservation tube into the funnel.
4. Pull out the funnel, properly dispose the waste funnel and empty preservation tube.
5. Tighten the collection tube with the replacing cap.
6. Shake the collection tube repeatedly and mix the saliva and preservation medium completely.

Tubes for antigen specimen testing

The disposable antigen release tubes are used for the detection of new coronavirus antibody (IgM antibody) with colloidal gold test strip for rapid test, which is convenient and fast to get the test results in about 10-15 minutes.

◎ Adopting medical grade PE raw materials and produce in cleaning room, good flexibility, smooth inner and outer surface, no scratches, no deformation, corrosion resistance.
◎ Good sealing and no liquid leakage: high precision molding, mature technology, excellent fit between cap and body threads, no slippery teeth.
◎ Customized specifications: 3ML and 5ML are available, and the cap color can be customized.
◎ Low variability of drop volume: squeeze bottle, drop volume is controlled at 25ul±5ul to ensure accurate and valid results.
◎ DNase free, RNase free, No pyrogen.

KJ538

KJ539

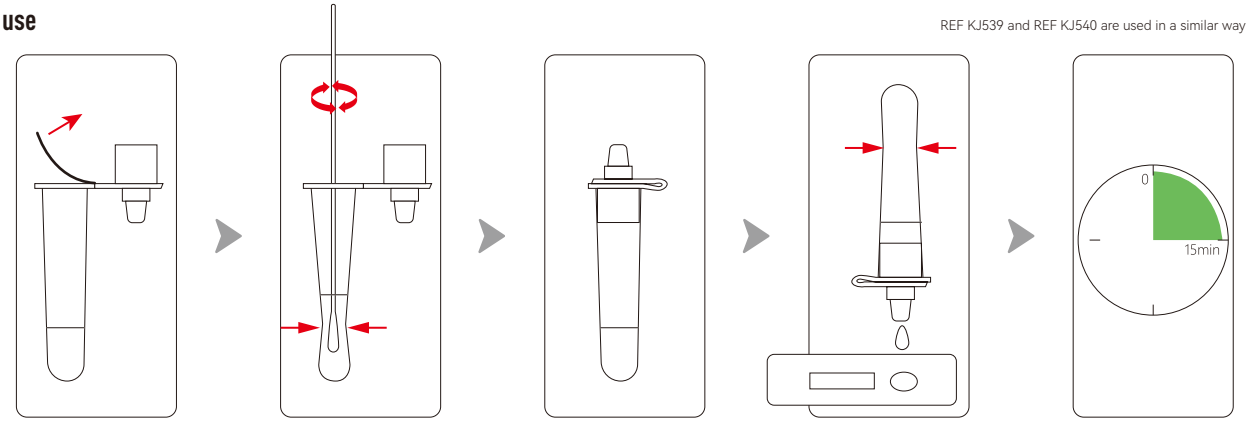
KJ540

REF	MAT	*		*				Original REF.
KJ538	PE	9×61mm	3mL	25ul±5ul	1000	500	Drip tip is hinged to the tube	074-0302
KJ539	PE	9×80mm	3mL	25ul±5ul	Cap: 2000 Tube: 1000	Cap: 10000 Tube: 10000	Cap and tube separate	074-0301
KJ540	PE	13×78mm	5mL	25ul±5ul	Cap: 2000 Tube: 1000	Cap: 10000, Tube: 10000		074-0501

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

How to use

REF KJ539 and REF KJ540 are used in a similar way



Remove the sealing aluminum film.

Insert the sampled swab into the pre-set diluent in the tube and twist the swab at least 10 times while squeezing the swab head in the tube to allow the sample eluting sufficiently.

Remove the swab and plug the tube tightly.

With the stopper drip port facing down, squeeze the tube and drop 1-2 drops of sample into the round hole of the test strip.

Let it sit for 10-15 minutes and check the results of the experiment.