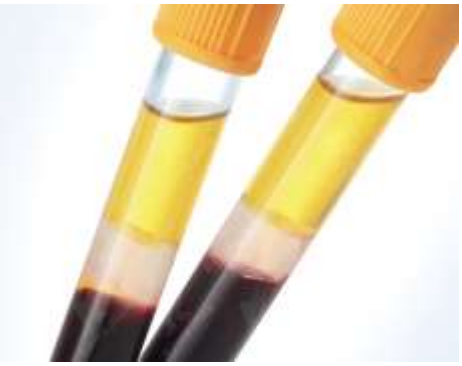


1. Gel & Clot Activator Tube

Gel and clot activator tube is used for blood serum biochemistry, immunology and drug testing, etc. There uniformly sprays the coagulant on the surface inside the tube, which will greatly shorten the clotting time. As the imported separation gel from Japan is pure substance, very stable in physicochemical property, it can well stand high-temperature so that the gel will maintain a stable status during the storage and transportation process. The gel will get solidified after centrifugation and completely separate serum from fibrin cells just like a barrier, which effectively prevents the substance exchange between blood serum and cells. Serum collection efficiency is improved and high-quality serum will be obtained, thus it comes to more authentic testing result. Keep the serum stable for more than 48 hours, no obvious change will happen on its biochemical features and chemical compositions, then the tube could be directly used in sampling analyzers.

- Time for complete clot retraction: 20-25min

- Centrifugation speed: 3500-4000r/m

- Centrifugation time: 5min

- Recommended storage temperature: 4-25℃

Item No.	Spec.	Volume	Additive	Color	Qty/Cs(Glass)	Qty/Cs(PET)
KJ030AS	Φ13×75mm	3ml	Gel & Clot Activator	Yellow	1800	1800
KJ040AS	Φ13×75mm	4ml	Gel & Clot Activator	Yellow	1800	1800
KJ0501AS	Φ13×100mm	5ml	Gel & Clot Activator	Yellow	1200	1800
KJ0601AS	Φ13×100mm	6ml	Gel & Clot Activator	Yellow	1200	1800
KJ0701AS	Φ16×100mm	7ml	Gel & Clot Activator	Yellow	1200	1200
KJ0801AS	Φ16×100mm	8ml	Gel & Clot Activator	Yellow	1200	1200
KJ0901AS	Φ16×100mm	9ml	Gel & Clot Activator	Yellow	1200	1200

2. No Additive Tube

No additive tube is used in blood collection and storage for biochemistry, immunology, serology, test of various kinds of virus and microelement in medical inspection. With special treatment of the inner surface, it's extremely smooth for normal activity of thrombocyte and unhindered clotting, which prevents hemolysis or adhesion of blood corpuscle or fibrin to the inner surface. It can provide enough pollution-free serum samples for clinical test, and maintain the normal compositions of serum for a long time. Moreover, it's helpful to serum reinspection with good repeatability.

Time for complete clot retraction: 1.5-2h

Centrifugation speed: 3500-4000r/m

Centrifugation time: 5min

Recommended storage temperature: 4-25℃

Item No.	Specification	Volume	Additive	Qty/PK(Glass)	Qty/PK(PET)
KJ030A	Φ13×75mm	3ml	No	1800	1800
KJ040A	Φ13×75mm	4ml	No	1800	1800
KJ050A	Φ13×75mm	5ml	No	1800	1800
KJ0501A	Φ13×100mm	5ml	No	1200	1800
KJ0601A	Φ13×100mm	6ml	No	1200	1800
KJ0701A	Φ13×100mm	7ml	No	1200	1800
KJ0801A	Φ16×100mm	8ml	No	1200	1200
KJ0901A	Φ16×100mm	9ml	No	1200	1200
KJ1002A	Φ16×100mm	10ml	No	1200	1200

3. Clot Activator Tube

Clot activator tube is used in the blood collection for biochemistry and immunology in medical inspection. It is suitable for wide range of operating temperature. With special treatment, the tube inner surface is very smooth where high-quality coagulant sprays uniformly. The blood sample will completely contact with coagulant and clot within 5-8min. High-quality serum thus is obtained by later centrifugation, free from the cracking of blood corpuscle, hemolysis, separation of fibrin protein, etc. Hence the serum can meet the requirements of fast clinic and emergency serum test.

- Time for complete clot retraction: 20-25min

- Centrifugation speed: 3500-4000r/m

- Centrifugation time: 5min

- Recommended storage temperature: 4-25°C

Item No.	Specification	Volume	Additive	Qty/PK(Glass)	Qty/PK(PET)
KJ030Z	Φ13×75mm	3ml	Clot Activator	1800	1800
KJ040Z	Φ13×75mm	4ml	Clot Activator	1800	1800
KJ050Z	Φ13×75mm	5ml	Clot Activator	1800	1800
KJ0501Z	Φ13×100mm	5ml	Clot Activator	1200	1800
KJ0601Z	Φ13×100mm	6ml	Clot Activator	1200	1800
KJ0701Z	Φ13×100mm	7ml	Clot Activator	1200	1800
KJ0801Z	Φ16×100mm	8ml	Clot Activator	1200	1200
KJ0901Z	Φ16×100mm	9ml	Clot Activator	1200	1200
KJ1002Z	Φ16×100mm	10ml	Clot Activator	1200	1200

4. Heparin Tube

Heparin tube is used in blood collection for the test of clinical plasma, emergency biochemistry and blood rheology, etc. With little interference on blood compositions and no influence upon the erythrocyte size, it won't cause hemolysis. Besides, it has the features of quick plasma separation and wide range of operating temperature as well as high compatibility with serum index. The anticoagulant heparin activates fibrinolysin, while restraining the thromboplastin, and then achieves the dynamic balance between fibrinogen and fibrin, free of fibrin thread in the inspection process. Most of the plasma indexes can be repeated within 6 hours. Lithium heparin not only has the features of sodium heparin, but also can be used in themicroelements test with no effect on sodium ion. To meet various need of clinical laboratory, KANGJIAN can add plasma separation gel for making high-quality plasma.

- Centrifugation speed: 3500-4000 r/m
- Centrifugation time: 3min
- Recommended storage temperature: 4-25℃

Item No.	Specification	Volume	Additive	Qty/PK(Glass)	Qty/PK(PET)
KJ030SH	Φ13×75mm	3ml	Heparin Sodium	1800	1800
KJ040SH	Φ13×75mm	4ml	Heparin Sodium	1800	1800
KJ050SH	Φ13×75mm	5ml	Heparin Sodium	1800	1800
KJ0701SH	Φ13×100mm	7ml	Heparin Sodium	1200	1800
KJ1002SH	Φ16×100mm	10ml	Heparin Sodium	1200	1200
KJ030LH	Φ13×75mm	3ml	Heparin Lithium	1800	1800
KJ040LH	Φ13×75mm	4ml	Heparin Lithium	1800	1800
KJ050LH	Φ13×75mm	5ml	Heparin Lithium	1800	1800
KJ0701LH	Φ13×100mm	7ml	Heparin Lithium	1200	1800
KJ1002LH	Φ16×100mm	10ml	Heparin Lithium	1200	1200

5. PT Tube

PT tube is used for blood coagulation test and applicable to fibrinolytic system(PT,TT, APTT and fibrinogen, etc.). The mixing ratio is 1 part citrate to 9 parts blood. Accurate ratio can guarantee effectiveness of the testing result and avoid misdiagnosis. As the sodium citrate has very little toxicity, it is also used for blood storage. Do draw sufficient blood volume to ensure accurate testing result. PT tube with double-deck is with little dead space, Which can be used to monitor the test of vWF, FⅧ, platelet functions, Heparin therapy.

Item No.	Specification	Volume	Additive	Color	Qty/PK(Glass)	Qty/PK(PET)
KJ018NC	Φ13×75mm	1.8ml	3.2% Sodium Citrate	Blue	1800	1800
KJ027NC	Φ13×75mm	2.7ml	3.2% Sodium Citrate	Blue	1800	1800
KJ036NC	Φ13×75mm	3.6ml	3.2% Sodium Citrate	Blue	1800	1800
KJ045NC	Φ13×75mm	4.5ml	3.2% Sodium Citrate	Blue	1800	1800
KJ018NCD	Φ13×75mm	1.8ml	3.2% Sodium Citrate	Blue	--	1800
KJ027NCD	Φ13×75mm	2.7ml	3.2% Sodium Citrate	Blue	--	1800

6. Glucose Tube

Glucose tube is used in blood collection for the test such as blood sugar, sugar tolerance, erythrocyte electrophoresis, anti-alkali hemoglobin and lactate. The added Sodium Fluoride effectively prevents metabolism of blood sugar and Sodium Heparin successfully solves the hemolysis. Thus, the original status of blood will last for long time and guarantee stable testing data of blood sugar within 72 hours. Optional additive is Sodium Fluoride+Sodium Heparin, Sodium Fluoride+ EDTA.K2, Sodium Fluoride+EDTA.Na2.

- Centrifugation speed: 3500-4000 r/m

- Centrifugation time: 5min

- Recommended storage temperature: 4-25 ℃

Item No.	Specification	Volume	Additive	Qty/PK(Glass)	Qty/PK(PET)
KJ020FX	Φ13×75mm	2ml	Sodium Fluoride+Sodium Heparin	1800	1800
KJ030FX	Φ13×75mm	3ml	Sodium Fluoride+Sodium Heparin	1800	1800
KJ040FX	Φ13×75mm	4ml	Sodium Fluoride+Sodium Heparin	1800	1800
KJ050FX	Φ13×75mm	5ml	Sodium Fluoride+Sodium Heparin	1800	1800
KJ0301FX	Φ13×100mm	3ml	Sodium Fluoride+Sodium Heparin	1200	1800
KJ0401FX	Φ13×100mm	4ml	Sodium Fluoride+Sodium Heparin	1200	1800
KJ0501FX	Φ13×100mm	5ml	Sodium Fluoride+Sodium Heparin	1200	1800
KJ0601FX	Φ13×100mm	6ml	Sodium Fluoride+Sodium Heparin	1200	1800

7. EDTA Tube

EDTA tube is widely used in clinical haematology, cross matching, blood grouping as well as various kinds of blood cell test instruments. It offers a comprehensive protection for blood cell, especially for protecting the blood platelet, so that it can effectively stop the gathering of blood platelet and makes the form and volume of blood cell uninfluenced within a long time. Excellent outfits with super-minute technique can spray additive uniformly on the inner surface of the tube, thus blood specimen can completely mix with the additive. EDTA anticoagulant plasma is used for biological assay of pathogenic microorganism, parasite and bacterial molecule, etc.

Item No.	Specification	Volume	Additive	Qty/PK(Glass)	Qty/PK(PET)
KJ010K2E	Φ13×75mm	1ml	EDTA.K2	1800	1800
KJ020K2E	Φ13×75mm	2ml	EDTA.K2	1800	1800
KJ030K2E	Φ13×75mm	3ml	EDTA.K2	1800	1800
KJ040K2E	Φ13×75mm	4ml	EDTA.K2	1800	1800
KJ050K2E	Φ13×75mm	5ml	EDTA.K2	1800	1800
KJ0501K2E	Φ13×100mm	5ml	EDTA.K2	1200	1800
KJ0601K2E	Φ13×100mm	6ml	EDTA.K2	1200	1800
KJ0701K2E	Φ13×100mm	7ml	EDTA.K2	1200	1800
KJ1002K2E	Φ16×100mm	10ml	EDTA.K2	1200	1200
KJ010K3E	Φ13×75mm	1ml	EDTA.K3	1800	1800
KJ020K3E	Φ13×75mm	2ml	EDTA.K3	1800	1800
KJ030K3E	Φ13×75mm	3ml	EDTA.K3	1800	1800
KJ040K3E	Φ13×75mm	4ml	EDTA.K3	1800	1800
KJ050K3E	Φ13×75mm	5ml	EDTA.K3	1800	1800
KJ0501K3E	Φ13×100mm	5ml	EDTA.K3	1200	1800
KJ0601K3E	Φ13×100mm	6ml	EDTA.K3	1200	1800
KJ0701K3E	Φ13×100mm	7ml	EDTA.K3	1200	1800
KJ1002K3E	Φ16×100mm	10ml	EDTA.K3	1200	1200
KJ020N2E	Φ13×75mm	2ml	EDTA.Na2	1800	1800
KJ0501N2E	Φ13×100mm	5ml	EDTA.Na2	1200	1800

08. NAT Tube

NAT tube is widely used in collection, transportion and storage of venous blood samples and sample treament before analysis. Mainly used for inspection of nucleic acid amplification (Incl DNA of HBV, RNA of HCV,HIV) in clinics. The additive of this tube is: EDTA.K2+Gel separator, sterilized by Gamma radiation to ensure no DNAse, RNAse or Pyrogen. EDTA.K2 won' t affect the activity of Taq enzyme in nucleic acid test,gel separator can eliminate the interference by hemoglobin of erythrocyte in the test of nucleic acid inspection. Samples after separation can be stored at -70℃.

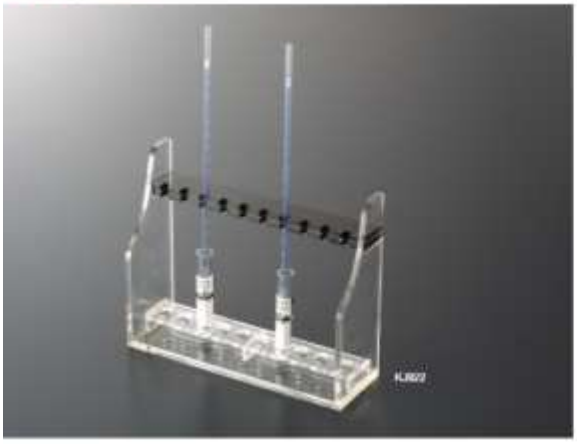
Item No.	Specification	Volume	Additive	Color	Qty/PK(PET)
KJ030GK	Φ13×75mm	3ml	Gel+EDTA.K2	Pink	1800
KJ0501GK	Φ13×75mm	5ml	Gel+EDTA.K2	Pink	1800
KJ0601GK	Φ13×100mm	6ml	Gel+EDTA.K2	Pink	1800
KJ0901GK	Φ16×100mm	9ml	Gel+EDTA.K2	Pink	1200

9. ESR Tube

Ø13×75mm ESR Tube is specially used in blood collection and anticoagulation for Automated Erythrocyte Sedimentation Rate Analyzers sedimentation rate test with the mixing ratio of 1 part sodium citrate to 4 parts blood, by Westergren method.

Item No.	Specification	Volume	Additive	Qty/PK(Glass)	Qty/PK(PET)
KJ016NC	13×75mm	1.6ml	3.8% Sodium Citrate	1800	1800
KJ024NC	13×75mm	2.4ml	3.8% Sodium Citrate	1800	1800

ESR System



Item No.	Description	Spec.	Qty/Ctn
KJ822	ESR Rack	10-Position	30
KJ823	ESR Tube	230mm	2000

10. Ø9×120mm ESR Tube

Ø9×120mm ESR Tube is applicable to various Automated Erythrocyte Sedimentation Rate Analyzers. Due to little volume and negative pressure inside the tube, it needs some time for blood collection. Do patiently wait until blood stops flowing into the tube. Then completely mix the anticoagulation and additive by turning the tube upside down for 6-8 times, Inappropriate mixing will cause hemolysis, coagulation or blood bubble and influence the test result.

Item No.	Specification	Volume	Additive	Qty/PK(Glass)
KJ0128NC	Φ9×120mm	1.28ml	3.8% Sodium Citrate	1800

ESR Fast Detector

● **Main Features:**

○ Better compatibility compared with Westergren method.

○ A safe, reliable and airtight operation during the whole process from blood collection to test, free of biological contamination.

○ Designed with spirit level of patent technology, which ensures the detector horizontal and aclinic.

○ 10 channels, synchronous operation allowed.

○ Only 30 minutes needed for reading, easy and fast.

○ Stainless steel soleplate with silicagel cushion on, which will avoid any noise or breakage when the ESR tube being placed.

● **How to Use:**

○ Carry out the venous blood collection according to standard requirements with 9x120mm ESR vacuum tube.

○ Immediately invert the tube at 180 degrees for 6-8 times to achieve thorough mixing, which will avoid hemolysis, clotting or blood bubble.

○ At the room temperature of around 20℃,vertically place the ESR tube containing blood sample onto the detector, note down the starting

time and relevant numbers. Keep the detector still for 30 minutes and then read the millimeter of erythrocyte sedimentation.

○ Detailed reading method: Keep it stable for 30min, align the plasma concave in ESR tubes to the zero scare of the detector. Then, read the

data by aligning the upper surface of erythrocyte to the scale on the detector. (See as the schematic diagram)

● **Notice:**

○ Before operation, the ESR fast detector should be put on a steady platform and adjusted to be horizontal with knobs below the soleplate.

○ The ESR tubes should be kept vertical during the whole sedimentation process, angle of inclination should not be more than 3°. Orelse, the

testing result will be of large deviation.

○ Keep the room temperature at 20±5°C, sedimentation time 30±2min.

09. DNA Tube

Unique newly developed protective agent is non-toxic, It can fix the blood cells, restrain DNAse outside the cells, Prevent the genome DNA release. Protect the dissociative DNA to be degraded. It can supply better solution for researching and applying of the dissociative Plasma DNA. It can be applied for Noninvasive screening of fetal birth defects(Noninvasive Down syndrome detection), tumour finding and research， The progress of tumour treatment and curative effect assessment. Molecular diagnostic and inspection of acute disease. Clinical Drug development and testing.The dissociative DNA can be stored at temperature of at least 14 days. Which makes sample collection, transportation and storage more convenient.

Item No.	Specification	Volume	Additive	Color	Qty/PK(PET)
KJ0501DNA	Φ13×100mm	5ml	Dedicated protective agent+EDTA	Purple	1800
KJ1002DNA	Φ16×100mm	10ml	Dedicated protective agent+EDTA	Purple	1200