

### Whole Blood Collection Tube

Whole blood collection tubes are designed to provide uncontaminated, undifferentiated raw blood samples for medical testing. Whole blood collection tube includes 2 kinds of tubes: EDTA tube with purple cap and ESR tube with black cap.



TYK110-212



TYK113-213-3



TYK213-1-213-2

#### EDTA Tube, Purple Cap

EDTA tubes are used for clinical hematology examinations, blood typing and cross-blood mixing and so on. It can comprehensively protect blood cells, effectively prevent platelet aggregation, and protect blood cells in shape and volume for a long time.

EDTA anti coagulated plasma is used for molecular biological identification of parasites, bacteria and pathogenic microorganisms.

Model No.	Material	Additive	Size(mm)	Vol	Packing
TYK110	PET	EDTA K2/K3	13x75	2ml, 3ml, 4ml, 5ml	100pcs/rack, 1800pcs/ctn
TYK210	Glass				
TYK111	PET		13x100	5ml, 6ml, 7ml	100pcs/rack, 1800pcs/ctn
TYK211	Glass				
TYK112	PET		16x100	7ml, 8ml, 9ml, 10ml	100pcs/rack, 1200pcs/ctn
TYK212	Glass				

#### ESR Tube, 3.8% Sodium Citrate, Black Cap

ESR tubes are mainly used for blood sample collection and anti-coagulation during erythrocyte sedimentation rate test.

It contains 3.8%(0.129mol/L) sodium citrate buffer which mixed with blood in a ratio of 4:1.

It is suitable for ESR testing for different genders and ages.

8x120 ESR tube is applicable to various automated erythrocyte sedimentation rate analyzers.

Because of little volume and negative pressure inside the tube, it needs some time for blood collection.

Wait for the blood to stop flowing into the blood collection tube and mix it 6-8 times to fully mix the anticoagulant and blood.

13x75 ESR tube is specially used in blood collection and anti coagulation 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.

Model No.	Material	Additive	Size(mm)	Vol	Packing
TYK113	PET	3.8% Sodium Citrate Buffer (0.129 mol/L)	13x75	1.6ml, 2.4ml, 3.2ml	100pcs/rack, 1800pcs/ctn
TYK213	Glass				
TYK213-1	Glass		8x120	1.28ml, 1.6ml, 2.0ml	100pcs/rack, 1800pcs/ctn
TYK213-2	Glass		9x120	1.6ml	
TYK213-3	Glass		16x100	8ml	100pcs/rack, 1200pcs/ctn

### Plasma Blood Collection Tube

Plasma blood collection tubes are designed to provide uncontaminated, undifferentiated raw blood samples for medical testing. Plasma can be effectively separated from blood cells after centrifugation. Plasma tube includes 5 kinds of tubes: PT tube with blue cap, Heparin tube and Gel&Heparin tube with green Cap, Glucose tube with gray cap, Compound of Sodium Fluoride and Anticoagulant tube with gray cap.



TYK114-116-1



TYK117-219



TYK120-222



TYK123-225

#### PT Tube, 3.2% Sodium Citrate, Blue Cap

PT tube is used to obtain plasma samples for the coagulation test. It contains 3.2%(0.109mo/L) buffered sodium citrate solution. Blood and sodium citrate are mixed in a ratio of 9:1, and the ratio is accurate to ensure the validity of the test results. Due to the low toxicity of sodium citrate, it is also used for blood preservation.

Model No.	Material	Additive	Size(mm)	Vol	Packing
TYK114	PET	Coagulation, 3.2% Sodium Citrate Buffer (0.109mol/L)	13x75	1.8ml, 2.0ml, 2.4ml, 2.7ml, 3ml, 3.6ml, 4ml, 4.5ml	100pcs/rack, 1800pcs/ctn
TYK214	Glass				
TYK115	PET		13x100	5ml, 6ml, 7ml	100pcs/rack, 1800pcs/ctn
TYK215	Glass				
TYK116	PET		16x100	8ml, 9ml, 10ml	100pcs/rack, 1200pcs/ctn
TYK216	Glass				
TYK116-1	PET		13x75 10x68.5	1.8ml, 2.7ml	100pcs/rack, 1800pcs/ctn

#### Heparin Tube, Green Cap

Heparin tube is used for the collection of blood samples for clinical plasma biochemical and blood rheology determination, without affecting the volume of red blood cells and causing hemolysis. Inside the tube wall, where is well sprayed with lithium heparin or sodium heparin which is a kind of anticoagulant activating antithrombin to block the coagulation cascade reaction. The operating temperature range is wide, the plasma separation speed is fast, and the compatibility with serum specimen indicators is strong. In addition to the characteristics of heparin sodium, lithium heparin can also be used for the detection of trace elements. Plasma separation gel can be added according to customer requirements to prepare high quality plasma to meet the needs of clinical experiments.

Model No.	Material	Additive	Size(mm)	Vol	Packing
TYK117	PET	Sodium Heparin/ Lithium Heparin	13x75	2ml, 3ml, 4ml, 5ml	100pcs/rack, 1800pcs/ctn
TYK217	Glass				
TYK118	PET		13x100	5ml, 6ml, 7ml	100pcs/rack, 1800pcs/ctn
TYK218	Glass				
TYK119	PET		16x100	7ml, 8ml, 9ml, 10ml	100pcs/rack, 1200pcs/ctn
TYK219	Glass				

#### Gel and Heparin Tube, Green Cap

Gel and Heparin tubes are anticoagulant tubes used to obtain high quality plasma samples for rapid emergency biochemical testing.

It contains Heparin Sodium or Heparin Lithium and Gel at the bottom of the tube, which is used to separate plasma and blood cells.

The exchange of substances can be prevented, so that the obtained plasma is free from blood cell contamination, making the results accurate.

In this way, samples can be placed directly into the equipment to meet the quality requirements for re-inspection.

Model No.	Material	Additive	Size(mm)	Vol	Packing
TYK120	PET	Sodium Heparin+Gel/ Lithium Heparin+Gel	13x75	2ml, 3ml, 3.5ml, 4ml	100pcs/rack, 1800pcs/ctn
TYK220	Glass				
TYK121	PET		13x100	5ml, 6ml	100pcs/rack, 1800pcs/ctn
TYK221	Glass				
TYK122	PET		16x100	7ml, 8ml, 8.5ml	100pcs/rack, 1200pcs/ctn
TYK222	Glass				