

# VacuBlood®

# VACUUM TEST TUBE AND BLOOD COLLECTION SET



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## Introduction

VacuBlood® vacuum test tubes are used to transport and process blood for testing serum, plasma or whole blood in the clinical laboratory.

According to different testing, VacuBlood® vacuum test tubes can be divided into Plain Tube, Clot Activator Tube, Clot Activator with Gel (SSGT) Tube, Glucose Tube, EDTA Tube, Heparin Tube, Coagulation Tube, ESR Tube, K2 EDTA with Gel (EPGT) Tube and Lithium Heparin with Gel (PSGT) Tube.

# VacuBlood®

## VACUUM TEST TUBE

### NO ADDITIVE TUBE (PLAIN TUBE)

VacuBlood® plain tubes do not contain any additives. They are used for collecting and storing blood specimen for biochemistry, immunology, serology tests and drug monitoring in medical inspection and applicable for all current mainstream biochemical analyzers.



### CLOT ACTIVATOR TUBE (PLAIN TUBE)

VacuBlood® serum tubes are coated with clot activator on the inner wall of the tubes. They are used for serum determinations in chemistry. Samples processed in these tubes may be used for routine blood donor screening, immunohematology and diagnostic testing of serum for infectious disease.



## EDTA TUBE (K2EDTA OR K3EDTA)

VacuBlood® EDTA tubes are coated with K2EDTA or K3EDTA. These tubes are used in clinical haematology and various kinds of blood cell test instrument. They are for the examination of whole blood in haematology and can be used in direct sampling analyzers without actually being opened. EDTA binds the calcium ions and therefore blocks the coagulation cascade. Erythrocytes, leucocytes and thrombocytes in an EDTA anticoagulated blood sample are stable for up to 24 hours.



## LITHIUM HEPARIN WITH GEL TUBE (PSGT TUBE)

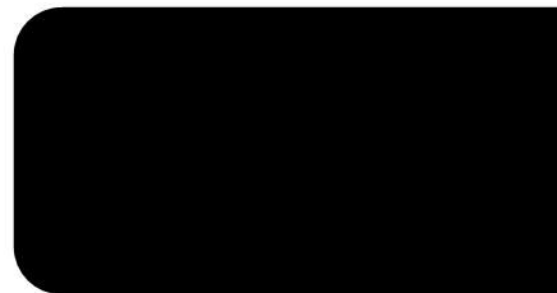
VacuBlood® PSGT tubes contain Lithium Heparin with gel for serum separation. Through centrifugation, the gel can form a barrier between plasma and blood cell and prevent substance exchange. Plasma specimen obtained is the best choice for electrolyte test and plasma analysis in routine biochemistry and any emergent biochemistry.



## 3.8% SODIUM CITRATE TUBE (ESR TUBE)

VacuBlood® ESR tubes contain a 3.8% buffered Tri-Sodium Citrate solution equivalent to 0.129 mol/l with the mixing ratio of 1 part Citrate solution to 4 parts blood. They are used for blood collection and anticoagulation for sedimentation rate test.

ESR tube with sandwich material consists of inner tube made of PP and outer tube made of PET. Inner tube made of PP can avoid the additive decrease, which maintains the concentration of Sodium Citrate stable. Outer tube made of PET can guarantee vacuum stable for long time.



### 3.8% SODIUM CITRATE TUBE (ESR TUBE)



There is 0.32 ml 3.8% Sodium Citrate in the tube. It can collect 1.28 ml blood to the center of graduation on the tube. It has a whole capacity of 1.6 ml. After blood collection, invert the tube for 4-5 times instantly, mixing up the anti-clotting reagent with the blood, then place the tube into ESR Analyzer. The result can be read in 30 minutes. It saves time and energy and it avoids infection which is caused by multiple-injection.

### 3.2% SODIUM CITRATE TUBE (COAGULATION TUBE)

VacuBlood® coagulation tubes are filled with a 3.2% buffered Sodium Citrate solution equivalent to 0.109 mol/l concentration. Coagulation tubes are mainly used for examination of coagulation parameters and can provide an excellent condition for the test of PT and APTT values.

Coagulation tube with sandwich material consists of inner tube made of PP and outer tube made of PET. Inner tube made of PP can avoid the additive decrease, which maintains the concentration of Sodium Citrate stable. Outer tube made of PET can guarantee vacuum stable for long time.



### MiniLab MICRO BLOOD COLLECTION TUBE



Intended purpose:

- Used for capillary blood collection