

## Manual of Use

### Product Name:

Disposable blood collection tubes

### Standards:

YY0314-2007 single-use containers for venous blood specimen collection

### Application:

The vacuum blood collection tube is used for the collection of human venous blood sample in the clinical examination, the blood samples can be used in the examination of blood cell test blood bank test ,blood coagulation test , blood sedimentation, blood flow test .serology,biochemistry,laboratory in immunology,microbiology experiment and molecular biology laboratory.

### Method of Application

- 1.Decide the type of blood collection tube and needle.Sterilize the stopper area which needs to be punctured.
- 2.Fix the vein and tie tourniquet according to different needs.Sterilize the skin.
- 3.Puncture the vein by the disposable needle. When blood appears ,puncture the tube stopper by the needle's other side, then blood will flow into the tube.
- 4.When blood stops flowing in, extract the needle from the stopper (If more blood sample are needed ,then puncture other blood collection tubes again).Unite the tourniquet and extract the needle from skin, then press party to stop the blood .
- 5.Suggestions if using various blood collection tubes:
  - (1)Tubes without any additive.
  - (2)Blood coagulation tube.
  - (3)Other tubes containing additives
- 6.When using the blood collection tubes containing additives, it's better to turn it upside down and shake the tubes for 5-8 times to make the additives fully distributed into the blood sample.
- 7.If using Gel tubes without anticoagulant , the centrifugation process has to be made after blood fully coagulated (if tubes contain coagulant, it's about 15-30 minutes, If not ,it's 60-90 minutes,All need to be put vertically ).Centrifugal speed should be 3500-4500rpm/min (Relative centrifugal force should no less than 1600gn),and centrifugal time should be 6-10 minutes.
- 8.The blood sample should be sent to be tested in time.
- 9.Normally whole blood testing should be finished within 4 hours, while the other serum and plasma testing should begin centrifugal process as soon as possible, If not finished in time, they should be put under regulated temperature.

### Accident Handling

Vacuum blood collection tube belongs to In Vitro Diagnostic Medical Devices, and it's quite rare to happen accident if used correctly. If the patient feels dizzy because nervous,please extract the needle from the stopper to stop the blood collection.

### Storage Requirement

The tube should be stored at 4-25°C.