

Evacuated (vacuum) Tube systems



With the Vaku-8 evacuated tube system, the blood is collected directly into the tube during the venipuncture procedure and is a closed system. With the syringe method, the blood from the syringe must be transferred into test tubes after collection and is an open system.

This reduces risky blood exposers to phlebotomist and need to transfer blood to test tubes by Lab technicians and consists of disposable needles and tubes.

MONOCAP

A single moulded rubber stopper in Vaku-8 which facilitates single hand opening, leaving other hand free MONOCAP does not come apart and there is no aerosol formation.

BI-CAP

A butyl rubber stopper that seals Vaku-8 Blood Collection Tubes. It is covered by a plastic cover to help protect laboratory personnel from contact with blood on the stopper or around the outer rim of the tube.

GRIP STOPPER

Blood Drawing over 6 ml fitted with grip stopper.

TYPES OF BLOOD COLLECTION TUBES WITH MONOCAP™ / BICAP



GEL + BCA TUBE FOR SERUM COLLECTION



NO ADDITIVE TUBES FOR SERUM COLLECTION



HEMO REPELLENT
COATED TUBE
FOR SERUM COLLECTION



EDTA TUBE FOR WHOLE BLOOD COLLECTION



ESR TUBE FOR WHOLE BLOOD COLLECTION



PT/ PTT TUBES / CITRATE TUBES FOR PLASMA COLLECTION



HEPARIN TUBE FOR PLASMA COLLECTION



GLUCOSE TUBES FOR PLASMA COLLECTION

Venous Blood Collection Tubes

ORDER OF DRAW

COLOR CODE COLLECTION TUBES INVERSION TO MIX BLOOD CULTURE TUBES are used to detect the presence of bacteria or yeast in blood to identify 8-10 YELLOW **Times** the microorganism present and to guide the treatment. PT/ PTT TUBES / CITRATE TUBES are designed according to the 1:9 proportions of anti -3-4 BLUE coagulants and blood samples. Because of the low toxicity of the buffer sodium citrate, blood storage **Times** can be for extended period. NO ADDITIVE + BCA TUBES are used in blood collection and storage for biochemistry, CHERRY 5 immunology and serology tests. It can provide non contaminated serum specimen for clinical test, while **Times** keeping the serum stable over an extended inspection period. GEL + BCA TUBE is used for clinical biochemistry and immunology. Inside the tube there is a barrier gel present at the bottom. After centrifugation, the gel barrier can effectively separate the serum from 5 GOLD fibrin and cells, while preventing substance exchange between blood cell and serum. As a result, it can **Times** keep biochemical characteristic and chemical components of serum stable over a long period. HEPARIN TUBE is used in blood collection and anti-coagulation not only for routine clinical 8-10 GREEN biochemistry tests and emergency biochemistry tests but also for some tests items in blood rheology. It Times is coated with lithium heparin (or sodium heparin on request). EDTA TUBE is widely used in clinical haematology as well as various kinds of blood cell tests 8-10 LAVENDER **Times** instruments. It has EDTA K3/K2 as anticoagulant. GLUCOSE TUBES (OXALATE TUBES) applicable blood samples test are : Blood sugar, Sugar 8-10 GRAY tolerance, red blood cell electrophoresis, Alkali - Resistant Hb determination, and sugar dissolution. Times Anticoagulant used is lithium Iodo Acetate / Sodium fluoride. ESR TUBE is used in blood collection and anticoagulant for sedimentation rate test. It contains a BLACK 3-4 3.8% buffered tri-sodium citrate solution (0.129 mol/l) with the mixing ratio of 1 part citrate solution to 4 Times parts blood. ESR measurement is done as per the Westergren method.

While using a winged blood collection set for venipuncture and if a coagulation (citrate) tube is the first specimen tube to be drawn then a plain tube should be drawn first. The plain tube must be used to fill the blood collection set tubing's "dead space" with blood but the plain tube does not need to be completely filled. This important step will ensure maintenance of the proper blood — to — additive ratio of the blood specimen. The plain tube should be a non—additive of coagulation tube.

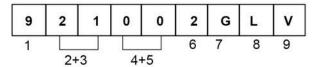
Ref: Report published in California Association for Medical Laboratory Technology Distance Learning Programme



HINDUSTAN SYRINGES & MEDICAL DEVICES LTD. EVACUATED BLOOD COLLECTION TUBES

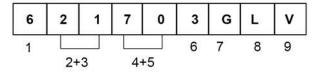
Examples:

Product Code:



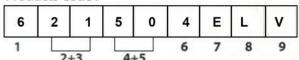
[EDTA (K2) 10 ml, 16X100 Tube, Grip Stopper]

Product Code:



[EDTA (K2) 7 ml, 13X100 Tube, Monocap]

Products Code:



[EDTA (K2) 5 ml, 13X100 Tube, Bi Cap]

Code Details:

1. Tube size

2+3. Additive code

4+5. Draw Volume

6. Cap type (Monocap / Grip Stopper)

7. Type of tube (Glass / Modified PET)

8. Label (L)

9. Vacuum (V)

Code for tube size: 13 mm x 75 mm - 4 ; 13 mm x 100 mm - 6

16 mm x 100mm - 9 ; 8 mm x 120 mm - 2

Code of Cap : Grip Stopper - 2 ; Mono Cap - 3 ; Bi Cap - 4







