

# Venipuncture Blood Specimens

## COLLECTION INSTRUCTIONS

(HE-FR-0003) VERSION 1.0



### MATERIALS PROVIDED

Tourniquet | Alcohol Pad | Sterile Needle | Gauze Pad | Elastic Bandage | Biohazard Bag | Sharps Container

### CLINICAL PROCEDURE

1. Wash hands. Don clean gloves and other appropriate PPE (personal protective equipment).
2. Assemble necessary supplies for sample collection. **Perform visual exam of supplies for defects and expiration dates.**
3. Position patient's arm. Apply tourniquet.
4. Ask the patient to make a fist, if capable. Palpate to locate the vein.
5. Cleanse the venipuncture site using back-and-forth friction. CLSI standards recommend cleansing the site with friction using a clean gauze pad with 70% isopropyl alcohol solution or a commercially prepared alcohol pad. The alcohol must be allowed to air dry for approximately one minute before venipuncture to properly disinfect the site, prevent hemolysis of the specimen, and avoid discomfort for the patient.
6. Anchor the selected vein. Puncture the vein with the needle bevel up at angle of 30 degrees or less.
7. Collect tubes in the correct order of drawing.
  - Serum tube, without clot activator/gels (e.g., red)
  - Serum tube, those with clot activator/gels (e.g., red/yellow, gold)
  - Lithium Heparin, without gel (e.g., dark green)
  - EDTA tube with or without gel (e.g., lavender)

QuantiFERON TB Gold + Kit  
**(this kit is drawn last and has an independent order of draw listed below)**

  - i. ■ Nil
  - ii. ■ TB1
  - iii. ■ TB2
  - iv. ■ Mitogen
8. Release tourniquet when flow has been established. Fill each tube completely.
9. Immediately after each tube is drawn gently mix or invert each tube five to ten times.
10. Place gauze over venipuncture site while removing the needle.
11. Activate needle safety device.
12. Apply pressure at the site with gauze until bleeding stops. Lift gauze to perform spot check of puncture site to ensure bleeding has stopped.
13. Bandage patient with tape or an elastic bandage.
14. Label specimen tubes with patient name, date of birth, date and time of collection.
15. Dispose of needle in the proper sharps container. Dispose of other supplies.
16. Perform final check of patient identification.
17. Remove gloves. Wash hands.