

Material Equipment

1. Sterile syringe.
2. Alcohol preps - 70%.
3. ChloroPrep Sepps applicator.
4. One Isolator microbial tube -- either 10 ml or 1.5 mL draw.

Skin Preparation

1. Assemble all equipment needed and disinfect the top of the Isolator microbial tube using ChloroPrep Sepps applicator.
2. Apply tourniquet and palpate area for vein location. Gloves must be worn while drawing blood cultures.
3. Use a fresh ChloroPrep Sepps applicator to cleanse the puncture site.
 - a. Vigorously rub in a back and forth motion over the puncture site.
 - b. Do this in both directions, up and down and side to side, for 30 seconds.
 - c. Allow the area to dry.
4. **Do Not Palpate Area After Cleaning.** If it is absolutely necessary to palpate again in order to obtain the blood sample, cleanse your glove finger(s) as you did the puncture site:
 - a. Vigorously rub another fresh ChloroPrep Sepps applicator in a back and forth motion over your gloved fingers.
 - b. Do this in both directions, up and down and side to side, for 30 seconds.
 - c. Allow to area to dry.

Venipuncture - Specimen Collection

1. Make puncture and obtain specimen.
 - a. If multi-sample venipuncture set is used, fill Isolator microbial tube first.
 - b. If a sterile syringe is used collect 11 mls for the Isolator microbial 10 tube or 2 mls for the Isolator microbial 1.5 tube. Changing of the venipuncture needle is unnecessary as long as it does not come into contact with anything before entry into the Isolator microbial tube.
 - c. Butterfly collection kits are not recommended because blood clotting may occur prior to entry into the Isolator microbial tube.

Blood Culture Ordered	Specimen Collection Container	Volume of Blood Required	Maximum Frequency per 12-36 Hour Period
Fungal	Isolator microbial 10mL tube for those > 6 years	Adolescent and Adult = 5 mL maximum	(2) sets
	Isolate microbial 1.5 mL tube for those < 6 years	Infant/Toddler Child same as routine blood culture volumes	

2. After inoculating Isolator tube, wipe off the top with an alcohol prep to remove any blood.
3. **Thoroughly mix the blood and broth** by inverting 4-5 times. Incomplete mixing causes small clots to form causing tube to be rejected. **Clotted samples must be redrawn.**
4. Label tube with:
 - a. Customer's first and last name
 - b. A second identifier such as date of birth (not room or bed number)
 - c. Date and time drawn
 - d. Collector's printed initials
 - e. Specimen number
 - d. If drawn from a line, record the type of line on both the tube and the order.
5. Send specimen to the Laboratory ASAP (within 8 hours). **Do Not Refrigerate. Do Not Centrifuge.**