

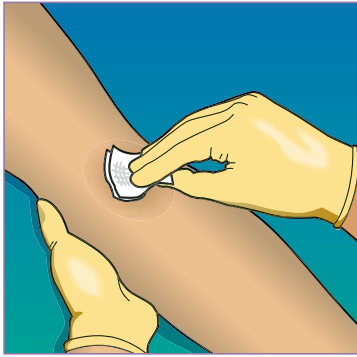
# Blood Collection Instructions for Use with the BD BACTEC™ Blood Culture System



## WARNING

"Standard Precautions" should be followed in handling all items contaminated with blood or other body fluids.

Prior to use, (1) inquire if patient has a history of adverse reaction to iodine (see Step 1 below); and (2) inspect all vials and discard any vials showing evidence of contamination, damage or deterioration.



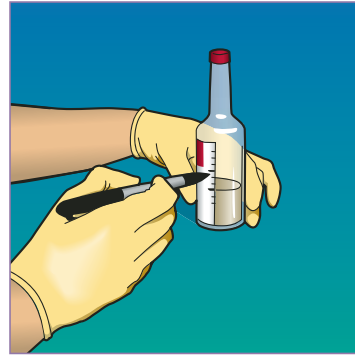
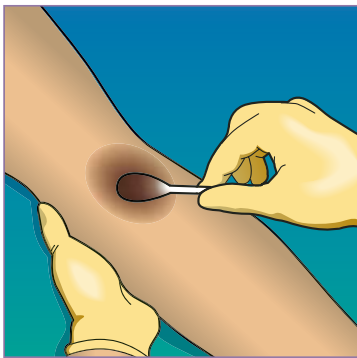
## STEP 1. SKIN PREPARATION

- Cleanse the venipuncture site with 70% isopropyl alcohol.
- Starting at the middle of the site, swab concentrically with a 1 to 10% povidone-iodine solution or chlorhexidine-gluconate.

**NOTE:** Chlorhexidine-gluconate is recommended for infants two months and older and patients with iodine sensitivity.

- Allow the site to air dry.

**NOTE:** If the venipuncture proves difficult and the vein must be touched again to draw blood, the site should be cleansed again.

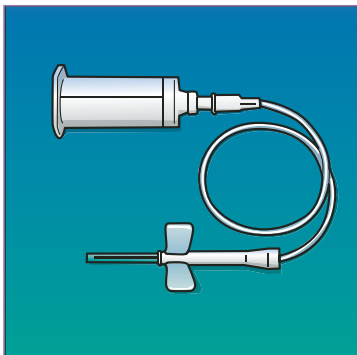


## STEP 2. PREPARE BACTEC™ VIALS

- Mark BACTEC culture vial label(s) at desired fill level.
- Remove flip-off caps from BACTEC culture vials(s).
- Wipe tops of vials with single alcohol swab and allow to dry.



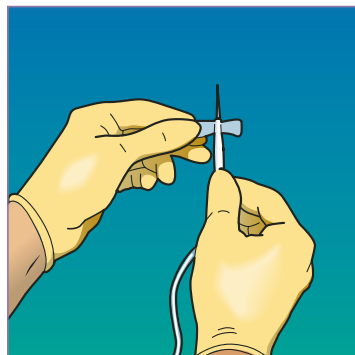
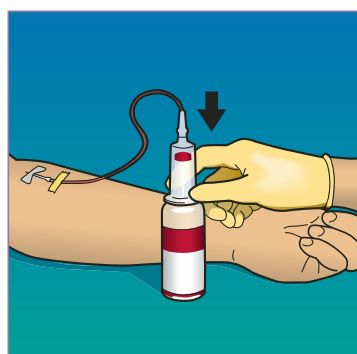
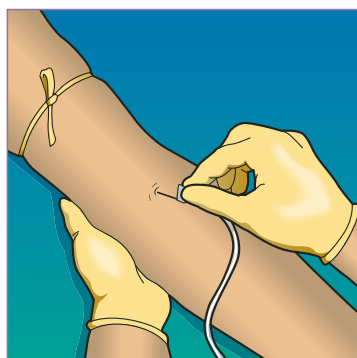
## STEP 3. BLOOD COLLECTION OPTIONS



### BD Vacutainer® Safety-Lok™ and BD Vacutainer® Push Button Blood Collection Sets – COLLECTION

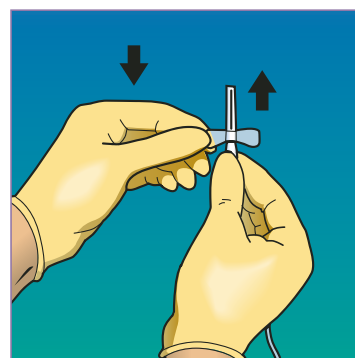
- Peel apart package and remove blood collection set.
- Thread the Luer end of tubing set into Vacutainer holder.
- Remove sheath covering needle at wings.
- Perform venipuncture by holding wings as shown. DO NOT hold by grasping the yellow safety shield.
- Select aerobic bottle first. Hold the bottle upright.
- Push and hold Vacutainer holder over top of vial to puncture septum.
- Collect blood to desired fill level on vial. Monitor to ensure proper blood flow and fill level.
- Remove holder from vial. Immediately push and hold holder onto second vial.
- Collect blood to desired fill level on second vial. Remove holder from vial.

**NOTE:** If more samples are required, additional tubes may be drawn at this time using the Vacutainer holder.



### OPTION A: BD Vacutainer® Safety-Lok™ Blood Collection Set – REMOVAL

- When final vial or tube is filled, withdraw the needle by grasping the wings and gently pulling. DO NOT withdraw by holding the yellow safety shield. Cover the puncture site with a sterile gauze pad and apply pressure.
- To activate the safety shield, grasp either wing with one hand and grip the yellow safety base with other hand. Slide the wings back into the rear of the safety shield until a snap is felt to ensure that the needle is retracted completely and locked in place.



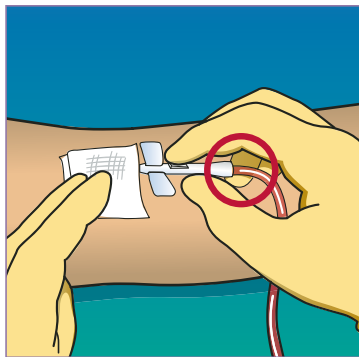
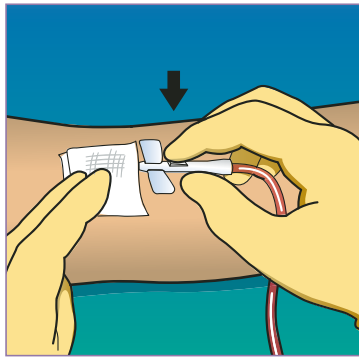
(continued on reverse)



Helping all people live healthy lives

# Blood Collection Instructions for Use with the BD BACTEC™ Blood Culture System *(continued)*

## STEP 3. BLOOD COLLECTION OPTIONS *(continued from front)*



### OPTION B: BD Vacutainer® Push Button Blood Collection Set – REMOVAL

- The device is designed to be activated while the needle is still in the patient's vein. Place your gauze pad or cotton ball on the venipuncture site. Allow gauze pad or cotton ball to cover nose of front barrel. Following the collection procedure, and while the needle is still in the vein, grasp the body with the thumb and middle finger. Activate the button with the tip of the index finger.
- To ensure complete and immediate retraction of device, make sure to keep fingers and hands away from the end of the blood collection set during retraction. Do not impede retraction.

### OPTION C: Needle and Syringe Collection

- Using aseptic technique, attach needle to syringe.
- A 20 mL syringe with a 21 gauge needle is recommended but other sizes may be used.
- Insert the needle into prepared vein and collect 10 to 20 mL blood in syringe.
- Withdraw needle after collecting 10-20 mL blood in syringe.
- Distribute blood equally into aerobic and anaerobic vials.

## STEP 4. PATIENT SKIN CARE

- Place the gauze pad over the site, continuing mild pressure. Check bleeding has ceased, and apply an adhesive or gauze bandage over the site.
- After all specimens have been collected, remove remaining skin antiseptic from collection site using a sterile alcohol swab.

## STEP 6. DISPOSAL

- Dispose of the blood collection devices in the nearest sharps container according to regulations. Dispose of all other used materials in appropriate container and wash hands.

## STEP 5. LABEL VIALS

- Label all vials. DO NOT write on or place any labels over the BACTEC vial barcode, as this is used by the instrument to process the specimen.

## STEP 7. ADDITIONAL CULTURES MAY BE COLLECTED IN A SIMILAR WAY

- A different venipuncture site should be used for each culture set collected.

### BD BACTEC™ Blood Culture Media

Cat No.	Description	Quantity	Unit
442265	BACTEC™ Lytic/10 Anaerobic/F Medium	50	Shelf Pack
442003	BACTEC™ Myco/F Lytic Medium	25	Shelf Pack
442288	BACTEC™ Myco/F Lytic Medium	50	Shelf Pack
442194	BACTEC™ PĒDS PLUS™/F Medium	50	Shelf Pack
442192	BACTEC™ Plus Aerobic/F Medium	50	Shelf Pack
442193	BACTEC™ Plus Anaerobic/F Medium	50	Shelf Pack
442191	BACTEC™ Standard Anaerobic/F Medium	50	Shelf Pack
442260	BACTEC™ Standard/10 Aerobic/F Medium	50	Shelf Pack
442000	Blood Culture Procedural Tray 1, Adult	20	Shelf Pack
442001	Blood Culture Procedural Tray 2, Adult	20	Shelf Pack
442002	Blood Culture Procedural Tray 3, PĒDS	20	Shelf Pack



**BD Diagnostics**  
7 Loveton Circle  
Sparks, MD 21152-0999  
800.638.8663  
www.bd.com/ds

To order any of the above BACTEC Blood Culture Media, please contact your local BD sales representative. To order BD Vacutainer™ products, please call 1.888.237.2762 or visit [www.bd.com/vacutainer](http://www.bd.com/vacutainer).