



**Aerobic**   **Anaerobic**   **Yellow Stopper**

## AN EFFLUENT CULTURE SET CONSISTS OF 2 BACTEC CULTURE BOTTLES & 1 YELLOW STOPPER TOP TUBE

- One Aerobic (blue, collected 1st), one Anaerobic (purple, collected 2nd) and one Yellow Stopper top tube.

### PREPARATION TIPS

- Visually inspect bottles for contamination, cracks or signs of deterioration
- Check the expiration date
- The recommended fill volume for each BACTEC culture bottle is 8-10mL
  - Using a syringe for collection helps ensure correct volume draw
  - Alternatively, using media meniscus as a guide, mark the optimal fill volume on each bottle (each line mark is approx. 5mL)



**CAUTION:** Underfilling or overfilling reduces sensitivity which may adversely affect recovery of microorganisms

### COLLECTION & PROCESSING

#### 1. Preparation of BACTEC Culture Bottles

- Remove flip-off caps from culture bottles
- **DISINFECT RUBBER BOTTLE TOPS WITH A 70% ALCOHOL PREP PAD AND ALLOW TO DRY IMMEDIATELY PRIOR TO COLLECTION**
- Do not use any form of iodine to disinfect the tops of the bottles. It may affect the integrity of the rubber top of the culture bottle, causing false positive results

#### 2. Collection

- Push and hold Vacutainer holder over top of aerobic bottle to puncture septum
- Collect recommended fill volume on the aerobic bottle. Monitor to ensure proper flow and fill level
- Remove Vacutainer holder from aerobic bottle. Immediately push and hold onto anaerobic bottle
- Collect recommended fill volume on the anaerobic bottle
- Insert the stopper of the Yellow Stopper Top Tube into holder.
  - This will pierce the stopper and allow the tube to automatically fill (one tube per test ordered)
  - Allow fluid to fill until flow ceases
- Remove Vacutainer holder and discard

#### 3. Labeling and Shipping

- Bottles should be properly labeled with all required patient information
- Do not cover the BACTEC culture bottle barcode with barcode label
- Use the bar code labels with patient's name and ID to identify each Bactec Culture Bottle and the Yellow Stopper Top Tube
- Place in a transport bag
- Cultures should be held and shipped at room temperature, not refrigerated
- Specimens should be received no later than **48 hours** after collection to ensure optimal recovery of microorganisms