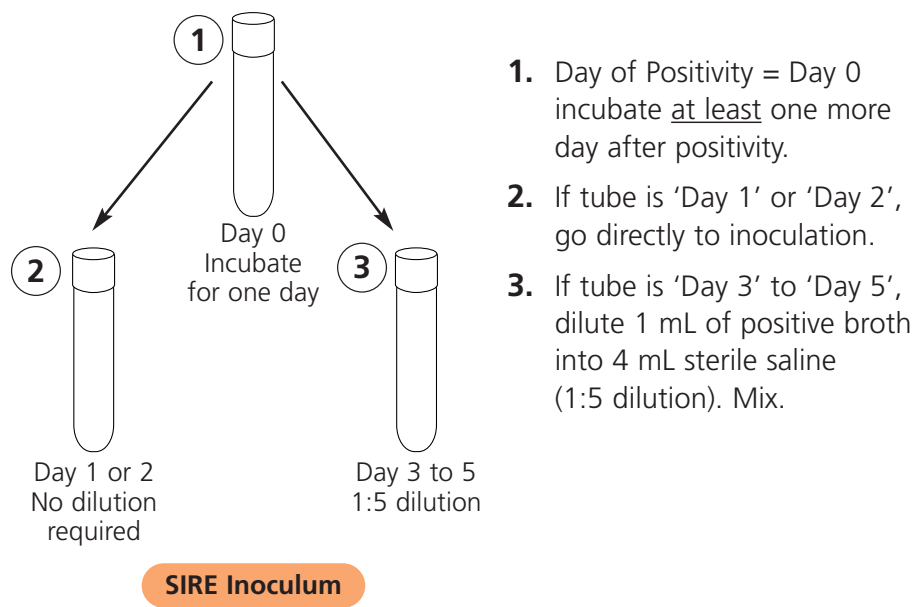
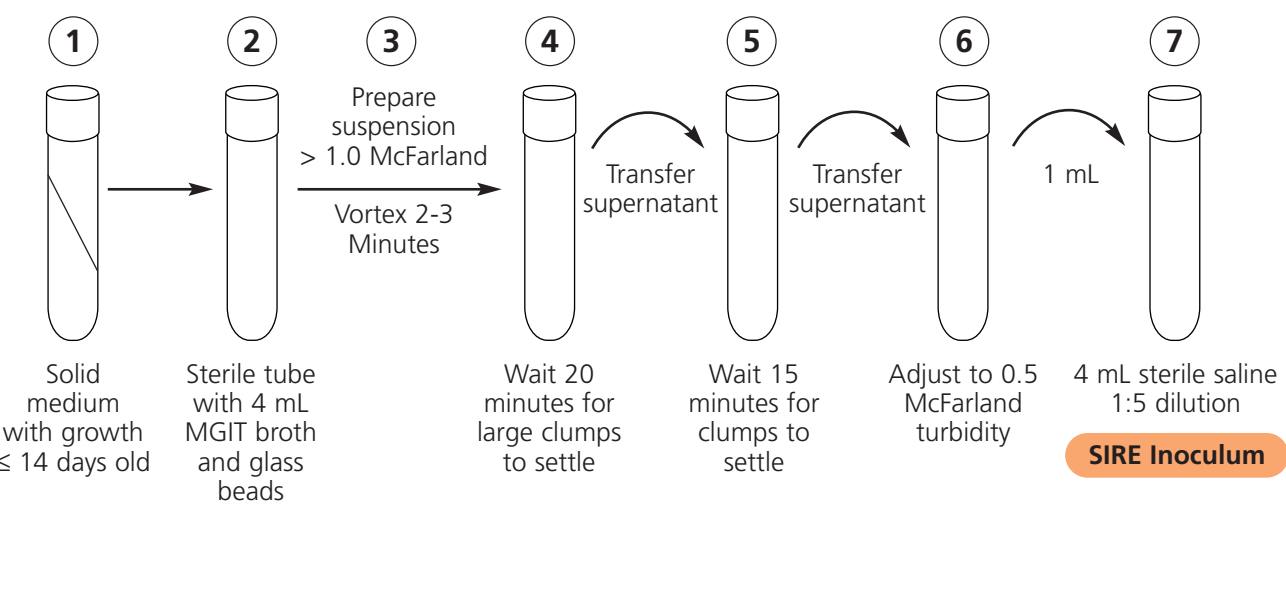


# BD BACTEC™ MGIT™ 960 SIRE Preparation and Inoculation

## From a Positive 7 mL MGIT Tube:

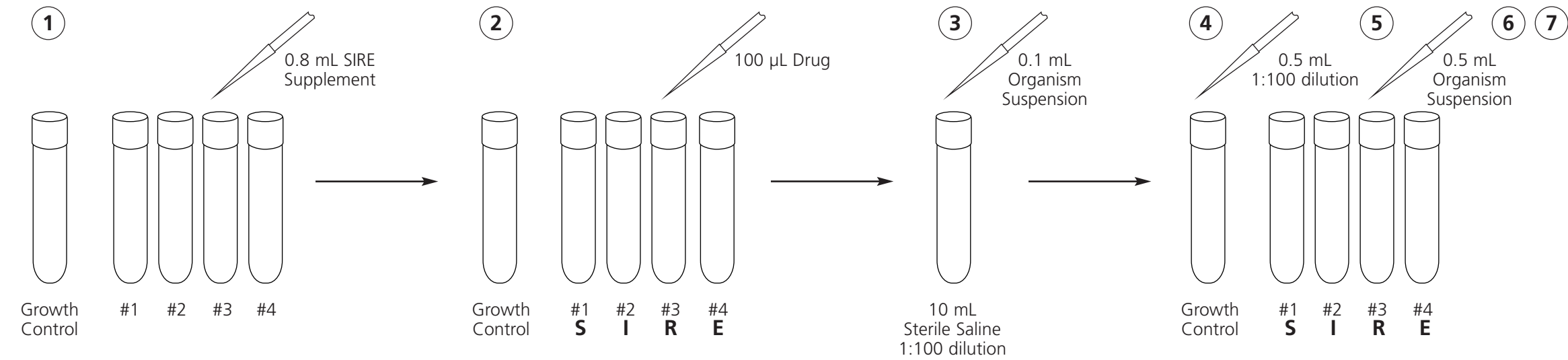


## From Solid Media:



1. Use growth on solid medium ≤ 14 days old.
2. Make suspension >1.0 McFarland turbidity standard in MGIT broth containing 8-10 glass beads.
3. Vortex 2-3 minutes.
4. Allow to sit 20 minutes for large clumps to settle.
5. Transfer supernatant fluid to another sterile tube and allow to sit for another 15 minutes.
6. Transfer supernatant fluid to another sterile tube and adjust turbidity to 0.5 McFarland turbidity standard.
7. Dilute 1 mL of final suspension in 4 mL sterile saline. Mix.

## MGIT 960 SIRE Inoculation:



1. Add 0.8 mL BACTEC MGIT 960 SIRE Supplement to each tube.
2. Add 100 µL of each drug to the appropriately labeled MGIT tubes.
3. Prepare Growth Control inoculum: Pipette 0.1 mL of organism suspension into 10 mL sterile saline to make a 1:100 dilution. Mix.
4. Inoculate the Growth Control tube with 0.5 mL of 1:100 dilution. Mix.
5. Inoculate each drug containing tube with 0.5 mL of organism suspension (undiluted). Mix.
6. Ensure inoculated tubes are thoroughly mixed.
7. Place tubes into appropriate AST set carrier and enter into BACTEC MGIT 960 instrument.



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