

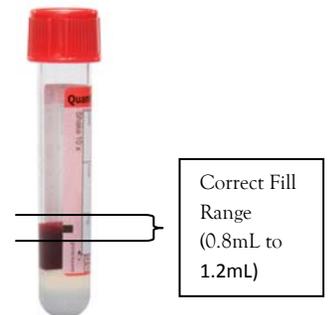
# COLLECTING AND SUBMITTING QUANTIFERON-TB SPECIMENS

## Wyoming Public Health Laboratory

**\*\* NOTE EXPIRATION DATE ON TUBES!!**

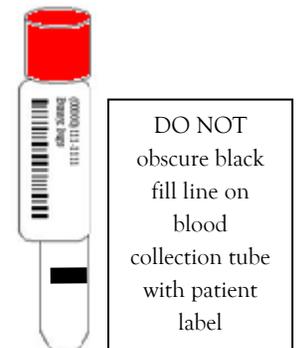
- 1) Draw blood, incubate overnight (16-24 hours). Send to lab. **Specimen must be received by lab within 3 days after incubation.** Testing is performed Tuesdays & Thursdays.
- 2) STORE TUBES in a cool, dry place at room temperature, between 40-77° F.
- 3) **Draw 3 tubes** of blood – 1 grey, 1 red and 1 purple top with yellow ring (**try to draw in this order**)
  - **Tubes fill slowly to black line.** *Allow each tube to stay on needle for 2-3 more seconds, after the tube appears to have completely filled.* The results could be affected if not filled.
  - **Acceptable fill is between a width of the black line below the line and a width of the black line above it.** (Figure 1.) If they appear under or over filled, draw again.
  - If a BUTTERFLY needle is used, draw into any other vacutainer tube first (discard), to “purge” air in line. Then continue with 3 TB tubes.
- 4) Immediately after filling tubes, **shake them up and down 10 times, like a handshake – with gloved index finger covering the top of the tubes.** This should be just firmly enough to ensure the entire inner surface of the tube is coated with blood.
- 5) **Label** all 3 tubes with name and date collected. *If using printed labels, do not block black fill line with label.* (Figure 2.) Place **UPRIGHT** in tube rack at room temperature. DO NOT refrigerate or freeze.
- 6) Tubes must be incubated within 16 hours. Batch tubes daily into one rack. **Re-mix all tubes by inverting 10 times immediately before incubation. Place rack in 37°C incubator for 16-24 hours. Complete requisition.**
- 7) **Submission form** should be folded and placed inside the outer sleeve of the biohazard bag. Place **tubes in biohazard bag** & in inner mailer.

Figure 1.



- 8) **Send to:** Wyoming Public Health Laboratory  
Combined Laboratories Facility  
208 South College Drive  
Cheyenne, WY 82002

Figure 2.



### Criteria for rejection:

- Insufficient or overfilling of tubes; Incorrect shaking of tubes
- Specimen received in lab over 3 days after incubation
- **Incomplete “Collection & Incubation Section” on requisition**
- ID discrepancies; Expired tubes; Incorrect incubation

Questions - contact Claudia Rogers or Jim Walford at 307-777-7431 or FAX 307-777-6422