

# QuantIFERON-TB Gold Plus Collection Instructions

## READ ALL INSTRUCTIONS & CAUTIONS BEFORE DRAWING THE PATIENT

Ensure you have the 4 special tubes required:

- Purple Top Tube (MITOGEN)
- Gray Top Tube (NIL)
- Green Top Tube (TB1 ANTIGEN)
- Yellow Top Tube (TB2 ANTIGEN)



Please note the following:

- Each tube will draw **1-ml** of blood
- Notice the black fill-mark on the lower left side of the label
- This is the correct fill-level of the blood when the tube is in the upright position
- The blood may be slightly above or below this mark & still be acceptable
- Tubes should be between 63-77°F at the time of blood filling

### INSTRUCTIONS:

1. There is no order of draw for collection. If a “butterfly needle” is used, use a plain “purge” tube to ensure the tubing is filled with blood prior to drawing the QTB-Gold Plus blood collection tubes.
2. Blood flow may be slow. Hold tube on needle for 2-3 seconds after flow ceases.
3. Once the tube is removed from the needle, check the fill level.
4. Immediately after filling, shake all 4 tubes ten (10) times to coat the inner surfaces with blood. Do not over-vigorously shake, as it may cause gel disruption and may lead to aberrant results. This is very important.
5. Label all tubes with 2 patient identifiers (patient name and MRN or DOB) and collection date & time.  
**Important Update: If using Cerner barcode labels, the container color name on the label must match the cap color of the tube it will be affixed to.**
6. Keep the tubes at room temperature (do not centrifuge, refrigerate, or freeze).
7. Transport to Wisconsin Diagnostic Laboratories. Tubes must be received in the lab within 16 hours of collection.

### CAUTIONS:

1. These tubes are for Quantiferon-TB Gold Plus only. They cannot be used for any other laboratory testing.
2. Ordinary blood collection tubes cannot be substituted for these special tubes.
3. If using a butterfly needle, draw a purge tube, using a plain tube (no additive), to ensure there is no air in the tubing. **Do NOT USE a QTB-Gold Plus tube to purge.**
4. Standard blood handling precautions apply.

Provided below is a link to a video detailing the collection process. **It is important to note that we are NOT accepting the single Lithium-Heparin tube process as shown in the second video at this time. You must use the QTB-Gold Plus tubes provide.**

<https://www.quantiferon.com/us/products/quantiferon-tb-gold-plus-us/laboratory-resources/training-videos-labs/>