

# News

## Clinical Laboratory Test Update

### QuantiFERON TB Gold PLUS

Effective August 13, 2018, the University of Colorado Hospital Clinical Laboratory will begin performing QuantiFERON TB Gold PLUS (QFT-Gold Plus) testing by Enzyme Linked Immunosorbent Assay (ELISA). The **QFT-Gold Plus** is replacing the QuantiFERON TB Gold test (QFG), ELISA method which is no longer supported by the manufacturer.

Please replace the 3 collection tubes for QFG with the new 4 collection tubes for **QFT-Gold Plus**.

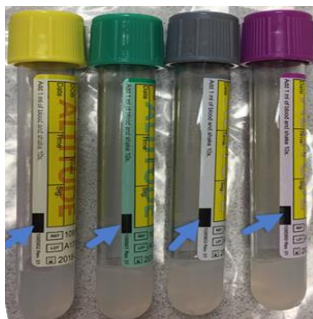
There will be a one week grace period, August 13, 2018 – August 17, 2018, which the QFG orders with 3 collection tubes will be accepted. After August 17 only the QFT-Gold Plus with 4 collection tubes will be accepted for testing.

#### Collection tubes:

**Four special QuantiFERON® - TB Gold PLUS high altitude (HA) collection tubes:**  
Purple (Mitogen HA), Grey (Nil HA), Green (TB1 HA), Yellow (TB2 HA)

Please call lab to request tubes, 720-848-4401.

Internal ordering of QFT-Plus HA collection tubes, (25 ct), Lawson #312100.



**Minimum volume:** 1.0 mL blood (blue arrow) per tube

The blue arrow in the photo points to the acceptable sample volume. If blood volume falls within the black bar, volume is acceptable for testing.

#### Specimen Collection:

1. Expect relatively slow blood draw time: keep tube and needle in place for 2-3 seconds after tube appears to have completed filling and ensure correct volume collection.
2. **Immediately after collection, shake tubes 10 times firmly** to ensure the entire inner surfaces of the tubes are coated with blood to dissolve the antigens on the tube walls. *Avoid overly vigorous shaking*, this may cause gel disruption and aberrant results.

#### Stability/Transport:

- Whole blood: Ambient, 16 hours (do not refrigerate).
- Deliver collection tubes to lab immediately at room temp, before 5:00 pm, Monday – Friday.

#### Acceptable sample:

- If blood volume collected is within the black bar indicated in the photo, the sample is acceptable for testing.
- All 4 special QFT-Gold PLUS tubes collection tubes must contain 1.0 mL blood.

#### Unacceptable sample:

- If volume of blood collected is above or below the black bar indicated in photo, the sample is unacceptable.
- Less than the 4 special QFT-Gold PLUS collection tubes.
- Other tube(s) than Qiagen 4 special QFT-Gold PLUS collection tubes.
- Unacceptable samples will be communicated to the sending unit before test cancellation and request for sample recollect.

<b>Test Code:</b>	<b>QFT-Gold Plus</b>
EAP:	LAB8965
Test Method:	Enzyme Linked Immunosorbent Assay (ELISA)
Performed:	Monday – Friday
Reported:	2-4 days
Reference Range:	Negative
CPT Code	86480

Please call Mary Ellen Boyle at 720-848-7067 if you have any questions or visit our website at <https://www.uchealth.org/professionals/uch-clinical-laboratory/> for additional information.

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