

Quest - QuantiFERON®-TB Gold Plus Collection Instructions

(Source:

<https://www.questdiagnostics.com/testcenter/TestDetail.action?tabName=OrderingInfo&ntc=36971&searchString=> Accessed 25-Sep-2019)

Collection Kit

Contact ICL Client Care at 416.422.3000 x300 or info@iclabs.ca

Specimen(s)

1 mL plasma for each of the following tubes (following incubation and centrifugation):

QFT-Nil control (gray cap, white or gold ring) tube

QFT-TB1 antigen (green cap, white or gold ring) tube

QFT-TB2 antigen (yellow cap, white or gold ring) tube

QFT-Mitogen control (purple cap, white or gold ring) tube

Minimum Volume

0.8 mL in each tube

Collection Instructions

1. For each patient, collect 1 mL of blood by venipuncture directly into each of the 4 QFT-PLUS blood collection tubes. These tubes should be at 17-25° C at the time of draw.
2. If a "butterfly needle" is being used, a "purge" tube should be used to ensure that the tubing is filled with blood prior to the QFT-PLUS tubes being used.
3. Immediately after filling the tubes, shake them 10 times just firmly enough to ensure the entire surface of the tube is coated with blood, to solubilize antigens on tube walls.
4. Each of the four tubes must be transferred to a 37° C +/- 1° C incubator as soon as possible and within 16 hours of collection for 16-24 hours. If the blood is not incubated immediately after collection, re-mixing of the tubes by inverting 10 times must be performed immediately prior to incubation. The specimen rack should sit off the floor of the incubator and the tubes should be upright.
5. Following Incubation: Centrifuge each of the 4 incubated collection tubes for 15 minutes at 2000-3000 RCF(G). Label with patient name, identification number, and date of collection. Deliver to ICL at 2-8° C. Samples will be stable for 28 days at 2-8° C (refrigerated).

NOTE: Specimen collection locations >3350 feet above sea level should use the QuantiFERON® collection kit designed for "high altitude" (tubes with a gold ring on tube top).

Transport Container

QFT-Nil control (gray cap, white or gold ring) tube

QFT-TB1 antigen (green cap, white or gold ring) tube

QFT-TB2 antigen (yellow cap, white or gold ring) tube

QFT-Mitogen control (purple cap, white or gold ring) tube

Transport Temperature

Refrigerated (cold packs)

Specimen Stability

Centrifuged specimens

Room temperature: Unacceptable

Refrigerated: 28 days

Frozen: Unacceptable

Reject Criteria

Non-incubated specimens • Received frozen • Specimens not collected in Quantiferon® Gold IT blood collection tubes

Methodology

Immunoassay (IA)

Performing Laboratory

Quest Diagnostics