

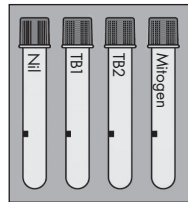
# QuantIFERON®-TB Gold Plus (QFT®-Plus)

## Blood Collection Tubes Single Patient Pack

(Cat.no: 622222) For use between sea-level and 810 m (2650 ft)  
(Cat.no: 623222) For use between 1020 m (3350 ft) and 1875 m (6150 ft)

### CONTENTS

4x QFT-Plus blood collection tubes (Nil, TB1, TB2, Mitogen)  
1x Package Insert



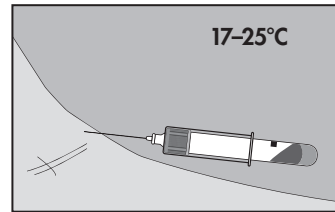
1085211 Rev. 05 09/2018

Use outside the specified altitude range may result in a change to the blood draw volume. For use with QFT-Plus ELISA kit (Cat.nos: 622120 and 622822).



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### BLOOD COLLECTION



Collect blood by venipuncture.

*Vacuum fills to 1 ml (black mark is acceptable 0.8–1.2 ml range).*

*Blood flow may be slow.*

*Hold tube on needle for 2–3 seconds after flow ceases.*

*Repeat tube if not close to mark.*

#### Technical Tip

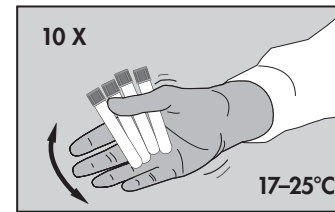
Butterfly needles—prime the tubing with a normal tube (not supplied) before filling QFT-Plus tubes.

#### WARNING:

- Standard blood handling precautions apply.
- Tubes may be stored at and must be used at room temperature (17°C–25°C).

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### BLOOD COLLECTION



Immediately after filling tubes, shake them ten (10) times, just firmly enough to ensure the entire inner surface of the tube is coated with blood, to dissolve antigens on tube walls.



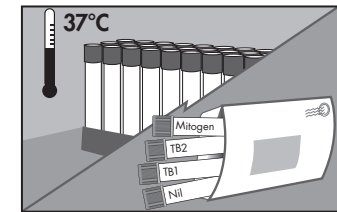
*Tubes should be between 17–25°C at the time of blood filling.*

*Over-energetic shaking may cause gel disruption and could lead to aberrant results.*

Label tubes appropriately.

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### SHIPPING/INCUBATION



OPTION 1  
Incubate at Laboratory

Ship tubes to laboratory at 17–27°C. Blood must be incubated at 37°C as soon as possible (and within 16 hours of collection).

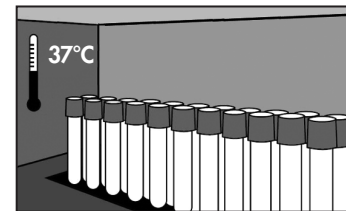
*Laboratory staff must remix the tubes by inverting 10 times immediately prior to 37°C incubation.*

#### Technical Tip

Label tubes as “Not Incubated”.

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### SHIPPING/INCUBATION



OPTION 2  
Incubate at Collection site

Blood must be incubated upright as soon as possible (and within 16 hours of collection). Incubate tubes **upright** at 37°C for 16–24 hours.

*Incubators may be available from QIAGEN.*

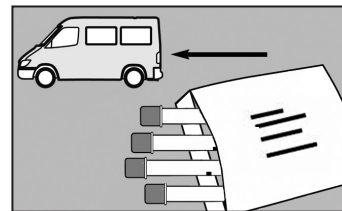
#### Technical Tip

Humidity/CO<sub>2</sub> not required.

If tubes are not incubated at 37°C immediately after collection, **remixing of the tubes by inverting 10 times must be performed immediately prior to incubation.**

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### SHIPPING/INCUBATION



OPTION 2  
(continued)

Ship **incubated** tubes to testing laboratory (within 3 days).

*Maintain tubes at 4–27°C.*

#### Technical Tip

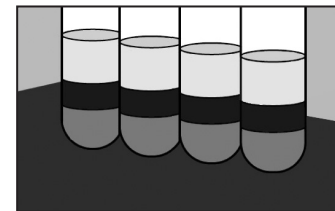
Label tubes as “Incubated”.



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### CENTRIFUGATION



Centrifuge tubes prior to sampling.

*Spin at 2000–3000 g for 15 minutes.*

*Test Plasma with either QFT-Plus ELISA or LIAISON® QuantiFERON-TB Gold Plus System (REF: 311010)*

Plasma in centrifuged tubes is stable for 28 days when stored at 2–8°C.

For up-to-date licensing information and product-specific disclaimers, see the *QFT-Plus ELISA* or the *LIAISON QuantiFERON-TB Gold Plus System Package Inserts*.

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### CONTACT DETAILS

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IVD



4°C — 25°C



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— Sample to Insight —

