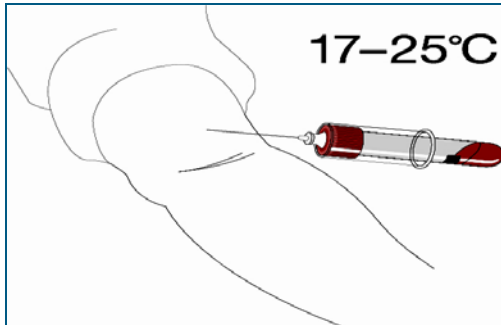


# QuantiFERON® –TB Gold

## Collection and Processing Guide

### Covance Central Laboratory Services

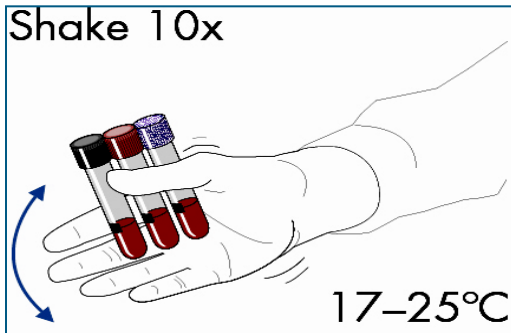
#### 1. Blood Collection



Collect 1 mL into each tube in the following order: Grey, Red and Purple. Hold tube on needle for 2-3 seconds after flow ceases. Repeat tube if not close to black fill line.

**Tip:** Butterfly needles: prime tubing with a “purge” tube before filling QuantiFERON® tubes.

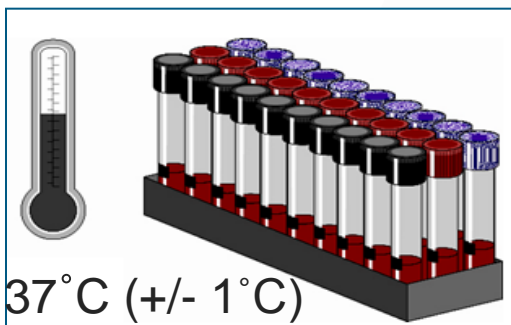
#### 2. Tube Shaking



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

**Tip:** Caution, over-energetic shaking may cause gel disruption and could lead to aberrant results.

#### 3. Incubation



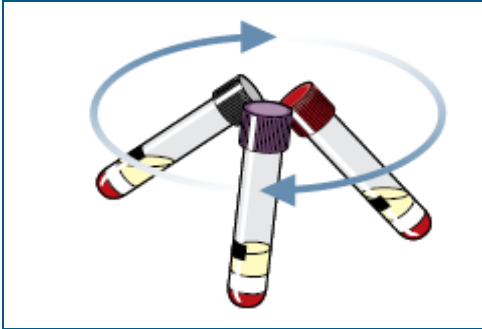
Blood must be incubated as soon as possible and within 16 hours of collection. Incubate tubes **upright at 37°C (+/- 1°C)** for 16-24 hours. If tubes are not incubated immediately after collection, re-mix tubes by inverting ten (10) times immediately prior to incubation.

**Tip:** Record times and temperatures using chart found on the QuantiFERON® –TB BEST PRACTICES page of the Covance manual.

Incubation Monitoring					
Start Date (dd/mmm/yyyy)	Start Time (24 Hour Clock)	Start Temperature (37° ± 1°C)	Stop Date (dd/mmm/yyyy)	Stop Time (24 Hour Clock)	Stop Temperature (37° ± 1°C)

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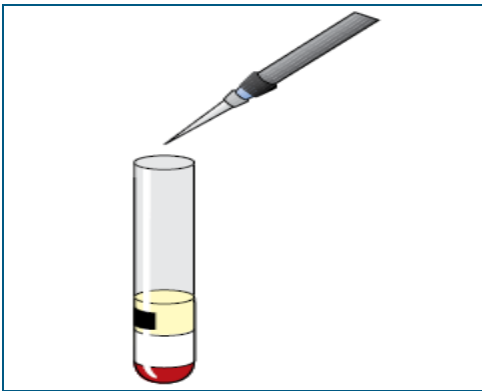
## 4. Centrifuge



Centrifuge tubes at 2000 to 3000g (RCF) for 15 minutes.

**Tip:** If separation does not occur, re-centrifuge the tubes at a higher speed.

## 5. Harvest Plasma



Without disturbing the gel plug, transfer the plasma, using provided pipette, from the color coded collection tube to the same color coded transport vial.

Grey to Grey

Red to Red

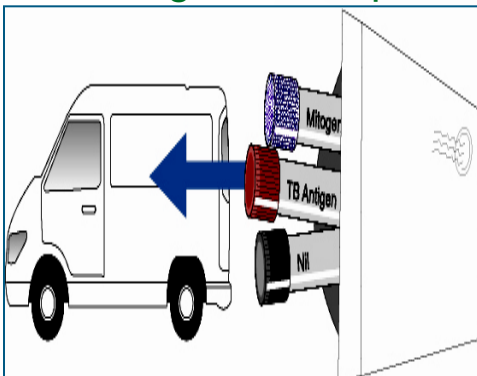
Purple to Purple



Use separate pipette for each tube.  
Do NOT pour plasma.

**Tip:** Avoid pipetting up and down or mixing plasma by any means.

## 6. Storage and Shipment



Immediately freeze the transport vials at or below -20°C. Ship frozen, on dry ice, to Covance as soon as possible.