

How to collect a specimen for QuantiFERON-TB Gold Plus

- Collect 1mL of blood in each of the four tubes contained in the QuantiFERON-TB Gold Plus collection kit
 - All tubes must be at room temperature (17– 27 °C / 63 – 80 °F) prior to collection.
 - All four (4) tubes included in the kit must be collected
 - A black mark on each tube indicates the valid range of 0.8 – 1.2 mL of blood needed for testing
See figure 1
 - Tubes fill slowly; keep each tube on the needle for 2-3 seconds after the tube appears to have filled completely
 - If the level of blood falls outside of the indicated fill range, another specimen should be collected
 - Specimens received with volumes outside of the black mark will be rejected
See figure 2
 - Use of butterfly needles for collection is not recommended
 - If a butterfly needle is used for collection, a discard/purge tube must be collected prior to collection of the first QFT tube
 - Use of a syringe may ensure correct blood volume
- Immediately after filling, shake the tubes firmly 10 times
 - The entire inner surface of each tube must be coated in blood
 - Overly energetic shaking may cause gel disruption and could lead to aberrant results
- Label each tube appropriately and package for transport to the laboratory
 - The label must not obscure the black fill indicator marking
- *If you are not approved to process specimens on-site, specimens must be transported at room temperature, and reach Allina Health Laboratory within 12 hours of collection.*



Figure 1



Figure 2