

<b>Title</b>	<b>QuantiFERON-TB Gold Plus (single tube collection)</b>
<b>Specimen Requirements</b>	<ol style="list-style-type: none"> <li>1. Required specimen: Whole blood collected in lithium-heparin tube</li> <li>2. Minimum volume required: 5 mL</li> <li>3. Specimens lacking complete information will not be tested until the missing information has been provided.</li> <li>4. Specimens must be received at the lab within 12 hours if shipped at ambient temperature (17-25°C). Samples shipped on ice packs must be shipped to the lab to be received within 48 hours.</li> </ol>
<b>Sampling Materials</b>	<ol style="list-style-type: none"> <li>1. Lithium-heparin blood collection tubes (must not be expired)</li> <li>2. Blood collection supplies</li> <li>3. Category B shipping materials (insulated, with ice packs) meeting UN3373 Biological Substances standards</li> </ol>
<b>Procedural Notes</b>	<ol style="list-style-type: none"> <li>1. Label the tube with the patient name, DOB, and date and time of collection, including a minimum of two unique identifiers on the tube.</li> <li>2. Fill a lithium-heparin blood collection tube and gently mix by inverting the tube several times to dissolve the heparin. Tubes should be at room temperature (17-25°C) at the time of collection.</li> <li>3. After collection, blood tubes should be held at room temperature (17-25°C) for at least 15 minutes and up to 3 hours prior to refrigeration.</li> <li>4. Ensure the collection tube is capped securely. Leaking specimens are unacceptable for testing and will be discarded.</li> <li>5. Complete the LimsNet test request for QuantiFERON-TB, ensuring that the patient information on the specimen tube matches the information entered into the submission form.</li> </ol>
<b>Shipping Instructions</b>	<p>Ship specimens to:  Indiana State Department of Health Laboratories  Attn: TB Lab  550 West 16th Street  Suite B  Indianapolis, IN 46202</p> <ol style="list-style-type: none"> <li>1. Place the blood collection tubes in the specimen transport bag with absorbent material. Seal the bag using the adhesive at the top.</li> <li>2. Store the LimsNet coversheet in the outer pouch of the specimen transport bag or outside of the Styrofoam box to prevent contamination from the specimen.</li> <li>3. Place the specimen transport bag and frozen ice packs inside of the Styrofoam cooler and close the outer shipping box.</li> <li>4. The outer shipping box should be labelled using an ISDH 6A label and then placed inside of the UPS Laboratory Pak bag.</li> <li>5. Complete the pre-addressed shipping label and affix it to the outer packaging with a return address and appropriate shipping labels. Specimens may be shipped via private service, such as UPS or Fed Ex. Alternatively, specimens may be delivered to ISDH in-person during normal business hours.</li> <li>6. Specimens should be shipped to arrive at ISDH Monday through Friday. Specimens should not be shipped to be in transit during the weekend or holiday.</li> <li>7. All patient specimens should be labeled, packaged and shipped in accordance with federal shipping regulations, using Biological Substances, Category B.</li> </ol>
<b>Reporting and TAT</b>	<ol style="list-style-type: none"> <li>1. Results will be reported by LimsNet and will be available in 3-5 business days.</li> <li>2. Results will be reported as Positive, Negative or Indeterminate as per the manufacturer's reporting criteria:  <i>Results table copied from Qiagen website <a href="https://www.quantiferon.com/us/products/quantiferon-tb-gold-plus-us/package-inserts/">https://www.quantiferon.com/us/products/quantiferon-tb-gold-plus-us/package-inserts/</a></i></li> <li>3. Additional information on result interpretation and specimen collection can be found at:  <a href="https://www.quantiferon.com/us/products/quantiferon-tb-gold-plus-us/package-inserts/">https://www.quantiferon.com/us/products/quantiferon-tb-gold-plus-us/package-inserts/</a></li> </ol>