

## **Quanti-FERON<sup>®</sup>-TB Plus (QFT-TB Plus)\***

The QuantiFERON<sup>®</sup>-TB Plus In-Tube (**QFT-TB Plus**) assay is a whole-blood screening test for active tuberculosis (TB) or latent tuberculosis infection (LTBI) caused by the *Mycobacterium tuberculosis* complex, a complex that includes *M. tuberculosis*, *M. africanum*, and *M. bovis*, *M. microti*, *M. canetti*, and *M. caprae*.

<b>Targets</b>	<b>Cell-mediated immune response to antigens associated with <i>M. tuberculosis</i> complex (QFT-TB Plus)</b>
<b>Accepted Specimens</b>	Four separate <b>1.0 ml</b> Quanti-FERON <sup>®</sup> collection tubes.  <b><u>Must be received within 16 hrs of collection.</u></b>
<b>Procedures</b>	Follow sample collection instructions on the label of <b>QFT-TB Plus</b> Blood Collection kit, supplied by the Infectious Diseases Laboratory.  <b>Invert tubes ten times</b> , just firmly enough to ensure the entire surface of the tube is coated with blood, to solubilize antigens on tube walls.
<b>Specimens Receipt</b>	Specimens are accepted Monday through Thursday by 2:30 pm.
<b>Assay Schedule</b>	Assay is set-up 2 to 3 times per week, with results usually available by 2:00pm.
<b>Normal Range</b>	<b>Negative:</b> <i>M. tuberculosis</i> infection unlikely, but cannot be excluded, when: <ul style="list-style-type: none"> <li>a) any illness is consistent with TB disease</li> <li>b) likelihood of progression to disease increased (i.e., immunosuppression).</li> </ul>
<b>CPT Codes</b>	<b>QFT-TB Plus:</b> 86481

*\*The QFT-TB Plus is not FDA approved for patients under the age of 17. The Infectious Diseases Laboratory will add the appropriate disclaimer to test results on those patients that do not meet this criteria.*