There are three commercially available tests to detect tuberculosis (TB) infection, these fall into two categories:

- The tuberculin skin test (TST)
  - TSTs have been used to detect TB infection for over 100 years. They require an intradermal injection of a small amount of purified protein derivative (PPD) into the skin. In 48-72 hours, the resultant induration is measured

- Interferon-gamma release assays (IGRAs)
  - The T-SPOT.TB test
  - QuantiFERON®-TB Gold Plus (QFT®-Plus)

### Accurate across patient populations

An accurate test is critical for the effectiveness of your TB screening program.

<table>
<thead>
<tr>
<th>TB test considerations</th>
<th>IGRAs</th>
<th>TST</th>
</tr>
</thead>
<tbody>
<tr>
<td>The T-SPOT.TB test¹</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>QFT-Plus²</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>TST</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

- Warning in package insert that the predictive value of a negative QFT-Plus result in immunosuppressed persons has not been determined²

- N/A

- Does not have a package insert, but studies have demonstrated limitations in immunocompromised patients³

### Consistent results

A consistent test means you can feel confident in your result.

<table>
<thead>
<tr>
<th>TB test considerations</th>
<th>The T-SPOT.TB test¹</th>
<th>QFT-Plus²</th>
<th>TST</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;1% uninterpretable test results</td>
<td>✔</td>
<td>✗</td>
<td>N/A</td>
</tr>
<tr>
<td>0.6% invalid rate⁴</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.5% indeterminate rate⁵</td>
<td></td>
<td>QFT-Plus: 4.3%⁶ QFT-Gold: 4.4%⁷</td>
<td></td>
</tr>
</tbody>
</table>

- Conversion rate of <1% in serial testing

- 0.8%³

### One tube with no refrigeration

An efficient process frees up your time to complete other critical priorities.

<table>
<thead>
<tr>
<th>TB test considerations</th>
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<th>QFT-Plus²</th>
<th>TST</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-site incubation or refrigeration of specimen is never required</td>
<td>✔</td>
<td>✗</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- Single, streamlined blood collection and process

- 3 possible collection methods requiring use of 1 or 4 tubes with up to 9 steps required²

- N/A

- A single visit is required

- ✔

- ✗

- ✗

For more information, please visit [www.tspot.com](http://www.tspot.com)
REFERENCES: