

**A TST reaction of  $\geq 10$  mm of induration is considered positive in the following individuals:**

- Arrivals to the United States from high-prevalence areas\*\*\*
- Residents, volunteers, or employees of high-risk congregate settings (e.g., correctional facilities, long-term care facilities, hospitals and other health care facilities, residential facilities for patients with HIV infection/AIDS, and homeless shelters)
- Persons with clinical conditions that increase the risk for progression to TB disease
- Injection drug users
- Children under 16 living in a household who are exposed to adults from a country with an elevated TB rate.

**A TST reaction of  $\geq 15$  mm of induration is considered positive in the following individuals:**

- Persons with no known risk factors for TB

## **2. Interferon–Gamma Release Assays (IGRAs)\***

IGRAs are used to determine if a person is infected with *Mycobacterium tuberculosis* by measuring the immune response to TB proteins in whole blood. Because of inadequate data at the present time, these tests are not approved for children under age 5 and will not be accepted by the Department of Health when administered to children under 5 years of age.

At present, there are two U.S. Food and Drug Administration (FDA)-approved IGRA tests commercially available in the United States:

- QuantiFERON<sup>®</sup>-TB Gold-in-Tube test (QFT-GIT)
- T-SPOT<sup>®</sup> TB test

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\*Source: CDC Tests for TB Infection, accessed on 4/19/2013 at:  
<http://www.cdc.gov/tb/publications/LTBI/diagnosis.htm>

\*\* Source: CDC Targeted Tuberculosis Testing and Interpreting Tuberculin Skin Test Results, accessed on 10/08/2013 at: <http://www.cdc.gov/tb/publications/factsheets/testing/skintestresults.pdf>

\*\*\* See Document J: State of Hawaii List of High Risk Countries



## TB Document J: State of Hawaii List of High Risk Countries

Hawaii State Department of Health  
Tuberculosis Control Program

<b>Africa</b>		
Algeria	Ethiopia	Niger
Angola	Gabon	Nigeria
Benin	Gambia	Rwanda
Botswana	Ghana	Sao Tome and Principe
Burkina Faso	Guinea	Senegal
Burundi	Guinea-Bissau	Seychelles
Cameroon	Kenya	Sierra Leone
Cape Verde	Lesotho	South Africa
Central African Rep.	Liberia	Swaziland
Chad	Madagascar	Togo
Comoros	Malawi	Uganda
Congo	Mali	United Rep. of Tanzania
Côte d'Ivoire	Mauritania	Zambia
Dem. Rep. of the Congo	Mauritius	Zimbabwe
Equatorial Guinea	Mozambique	
Eritrea	Namibia	
<b>Eastern Mediterranean</b>		
Afghanistan	Libyan	South Sudan
Djibouti	Morocco	Sudan
Iran	Pakistan	Tunisia
Iraq	Qatar	Yemen
Kuwait	Somalia	
<b>Europe</b>		
Armenia	Kazakhstan	Russian Federation
Azerbaijan	Kyrgyzstan	Tajikistan
Belarus	Latvia	The Former Yugoslav
Bosnia - Herzegovina	Lithuania	Turkey
Bulgaria	Poland	Turkmenistan
Estonia	Portugal	Ukraine
Georgia	Republic of Moldova	Uzbekistan
Greenland	Romania	
<b>South-East Asia</b>		
Bangladesh	Indonesia	Sri Lanka
Bhutan	Maldives	Thailand
Dem. People's Rep. of Korea	Myanmar	Timor-Leste
India	Nepal	