

QUANTIFERON - TB TESTING

Effective TB Testing

Limitations of TST	Advantages of QFT
Requires two visits	Requires only one visit
Affected by BCG vaccination BCG can cause false positive	Unaffected by BCG vaccination
False positive responses due to non-tuberculous mycobacterial infections	Unaffected by most environmental non-tuberculous mycobacterium (NTM)
Test reading is subjective	Is objective - Yes or No answer
Screening programs require 2-step testing	Avoids boosting
	Reduction in additional costs such as chest X-rays

How does QFT work?

QFT is a blood test that measures the cell-mediated immune response of TB-infected individuals.

Reliable TB Testing

New In-Tube format provides convenient collection

Enables remote location collection

Flexible Logistics

Several options after blood collection

1. Send directly to lab.

Sample must be incubated within 16 hours of blood collections

2. Incubated and then send to lab.

Incubated blood samples are stable for up to 3 days at room temperature

Accurate TB Testing

	Specificity	Sensitivity
Tuberculin Skin Test (TST)	65.9%	76%
QuantIFERON-TB Gold In-Tube (QFT)	99.2%	89.0%



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