



Tuberculosis

TB infection testing now accessible

QIArearch[®] QuantiFERON[®]-TB

Increase the reach of TB testing

Tuberculosis is preventable and curable, yet millions of people with TB do not have access to affordable diagnostic testing. Targeted testing of those most at risk for TB is critical to meet the goals of the WHO End TB Strategy, aimed at reducing TB deaths by 95% by 2035 (1).



99% of TB deaths occur in developing countries.



40% of cases are undiagnosed or not reported.

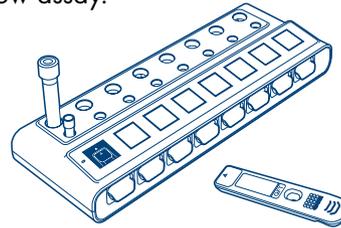


1 USD in TB prevention returns **40 USD** in economic benefits

IGRA testing reimaged

The QIAreach QuantiFERON-TB Test is a field-friendly, single-visit solution that brings access to TB testing where it's needed most. It shares key features with the industry-leading QuantiFERON-TB Gold Plus test – but replaces the lab-based ELISA workflow with an innovative digital lateral flow assay.

A smart solution



Accurate testing with results in 20 minutes after incubation

Rapid and reliable results to aid patient management

1 visit, 1 tube, 1 ml of blood

Easy implementation of TB infection testing

Portable solution with no complex laboratory equipment required

Ability to reach patients in areas where laboratory services are not available

Digital and connected

Improved data management to streamline patient care and public health programs



“Each day nearly 4000 people lose their lives to TB.

Many of these could be saved by implementing preventive treatment before the disease develops. Access to TB infection testing as an entry to TB prevention is an undeniable right for all populations including the vulnerable and marginalized with limited access to care. It's time to unite to end TB by finding, testing and preventing TB for everyone at risk.”

Dr. Davide Manissero,
QIAGEN Chief Medical Officer.



Portable

No cold chain required, all test equipment < 1 kg



No maintenance

No eHub maintenance or calibration, easy cleaning and dust protection



8 h battery life

Uninterrupted operation when external power is not available



Scalable

Scalable from 1 to 8 samples, up to 24 samples per hour

Field-friendly TB screening

QIAreach QuantiFERON-TB (QIAreach QFT®) is both a test for TB infection and a helpful aid for diagnosing *M. tuberculosis* complex infection in sick patients. The QIAreach QFT Test requires only one visit, and it's portable and easy to use. Now you can reach patients in decentralized settings and remote areas.

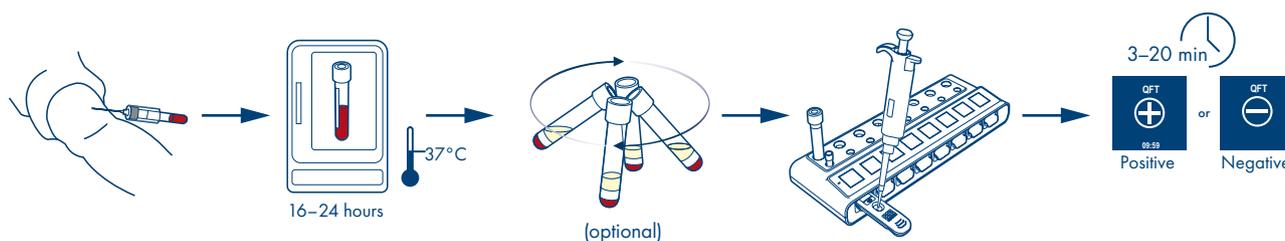


Figure 1. QIAreach QuantiFERON-TB Test procedure. For more information, consult the QIAreach QFT Instructions or Use.

Built on proven QuantiFERON-TB Gold Plus technology

The QIAreach QuantiFERON-TB Test uses the same technology as QIAGEN's QuantiFERON-TB Gold Plus test – the world's leading IGRA. Accurate testing with cutting-edge QIAreach technology supports efficient preventive TB programs, providing everyone the opportunity to know their TB status.

Table 1. Clinical agreement: QIAreach QFT vs. QFT-Plus

	Frequency	Agreement	Upper 95% CI	Lower 95% CI
OPA*	219/225	97.3%	99.0%	94.3%
PPA	71/75	94.7%	98.5%	86.9%
NPA	148/150	98.7%	99.8%	95.3%

OPA: Overall percent agreement; PPA: Positive percent agreement; NPA: Negative percent agreement

* When factoring in 15 QFT-Plus indeterminate results, the OPA between QFT-Plus and QIAreach QFT is 91.3% (95% CI: 86.9 – 94.5%).

Data management made easy

The QIAreach QuantiFERON-TB Test provides a digital, connected solution for reliable and reproducible results. It features optional connectivity and LIS integration – for a streamlined workflow that allows you to focus on patient care.

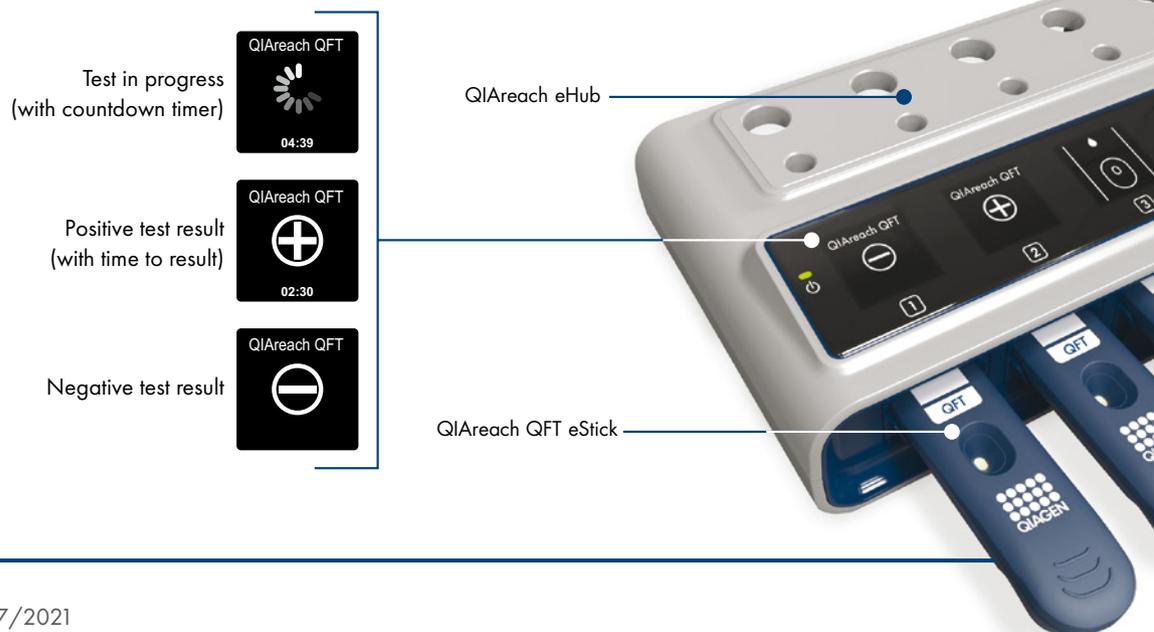


Figure 2. QIAreach QuantiFERON-TB results are displayed on the QIAreach eHub.

QIAreach QuantiFERON-TB – leave no one behind

One visit.
One tube.
One ml of blood.

QIAGEN is committed to protecting public health and ensuring the universal right to know your TB status. QIAreach QuantiFERON-TB will help ensure access to TB testing and treatment where it's needed the most.

 Find out more at qiagen.com/QIAreach

QIAreach QuantiFERON-TB Test is currently under development and is coming soon. QIAreach QuantiFERON-TB is intended for high TB-burden countries.

References

1. World Health Organization. (2015) The End TB Strategy.
2. UN General Assembly. (2018) Political declaration of the high-level meeting of the General Assembly on the fight against tuberculosis. A/RES/73/3.

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