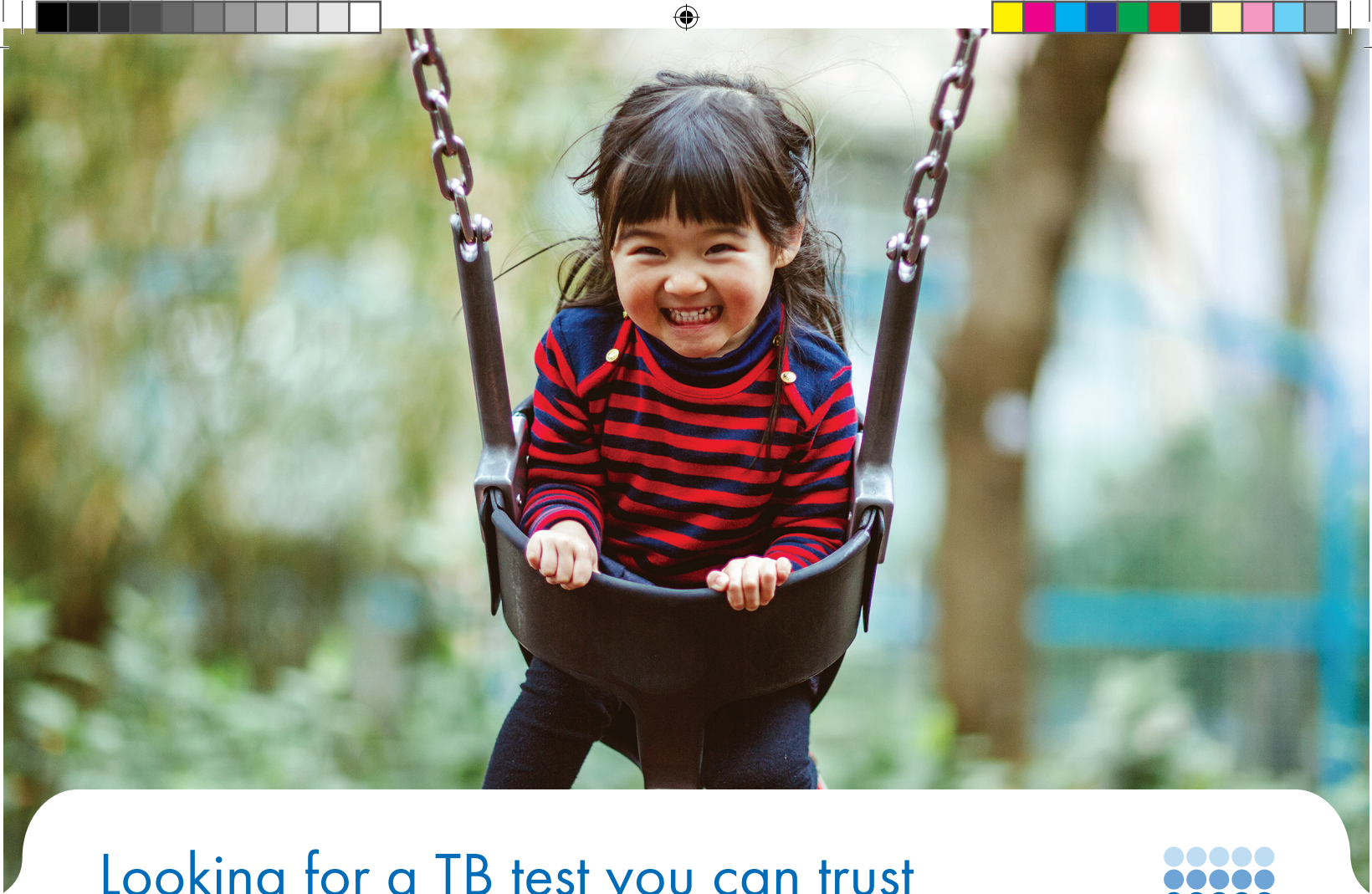




Looking for a TB test you can trust for young children?



Choose QuantiFERON-TB Gold Plus for reliable results in a single office visit.

When it comes to children, you want a diagnostic test that is simple, quick, and accurate. Why would you compromise for your TB test?

QuantiFERON®-TB Gold Plus (QFT®-Plus) is the world's leading TB blood test. It's a single-visit test that's recommended by the WHO – and it's CE marked and FDA approved for use in children of all ages (1).

QFT-Plus – one visit, one test, one clear result

	TST	QFT-Plus
Single patient visit	X	✓
Use of positive and negative controls	X	✓
Objective results	X	✓
Unaffected by BCG vaccination	X	✓
Unaffected by most environmental non-tuberculosis mycobacteria	X	✓

Sample to Insight

Trust QFT-Plus to test children of all ages

The landmark Tuberculosis Epidemiologic Studies Consortium (TBESC) study, sponsored by the US CDC, enrolled more than 20,000 participants across 16 US sites (2). The study included 3,593 children age 0–14 years, with 92% born outside the US.

The authors of the study concluded that QFT-Plus more accurately identified TB infection than the TB skin test among non-US-born children that had received the BCG vaccine (Figure 1). Unlike the TST, QFT-Plus test positivity matched the expected trend among children. With increasing age and exposure to TB, the incidence of TB infection also increased. TST results showed no correlation with age, and were heavily skewed by false positive results caused by the BCG vaccine.

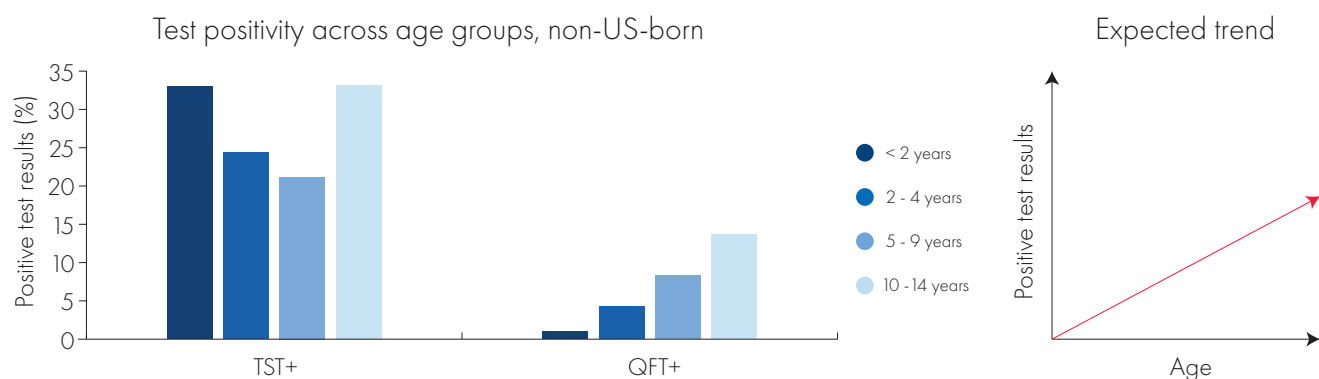


Figure 1.
The TST is ineffective at identifying true TB infection in BCG-vaccinated children.

The study's authors conclude:

- Skin testing is ineffective at identifying true TB infection among BCG-vaccinated children.
- Discordance between TST and IGRA was highest in children under the age of 5.
- IGRA tests generated approximately 70% fewer positive results than the TST in non-US-born children.
- QFT-Plus indeterminate results in children were rare (<1% among children aged 0-14 years).

Talk to us to learn how you can bring QFT-Plus to your pediatric practice.



Learn more about QFT-Plus testing – or contact us – at www.qiagen.com/end-TB

References:

1. World Health Organization. (2022) WHO policy statement: use of alternative interferon-gamma release assays for the diagnosis of TB infection.
2. Ahmed A., et al. (2020) Interferon- γ Release Assays in Children <15 Years of Age. *Pediatrics*, 145(5).

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