

THE PROBLEM

of the global population has limited—if any—access to proper diagnostics.

#### MOLECULAR DIAGNOSTIC TESTING



Provides real-world economic impacts: **\$28.3 BILLION** 

in economic value of health gains



Improves health outcomes: 4.3 MILLION

**DALYs** averted



Reduces the economic burden:

13.9x ROI\*

through earlier diagnosis and treatment

\*Average ROI when comparing the economic value of health gains to the cost of implementation.

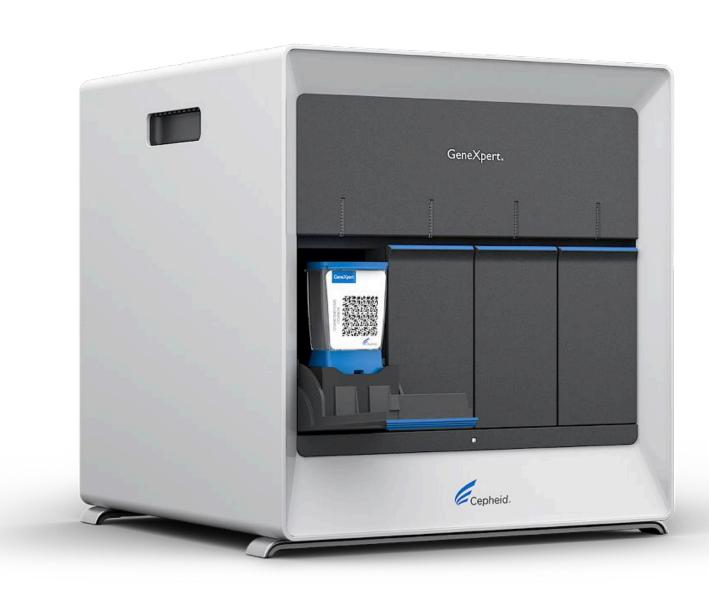
The introduction of Xpert® MTB/RIF and Ultra and the scale-up of the molecular testing program has had a clear impact [in reducing the incidence of TB]."

Nichols BE et al., 2024



20.3x ROI when comparing the economic value of health gains to the cost of implementation of TB molecular diagnostic testing.

#### THE TB SOLUTION



Molecular diagnostic testing for TB (2013–2022) with the GeneXpert System

Xpert MTB/RIF	85%
	98%
Xpert MTB/ RIF Ultra	91%
	99%
Compare with smear microscopy	68%
	98%

Sensitivity

Specificity

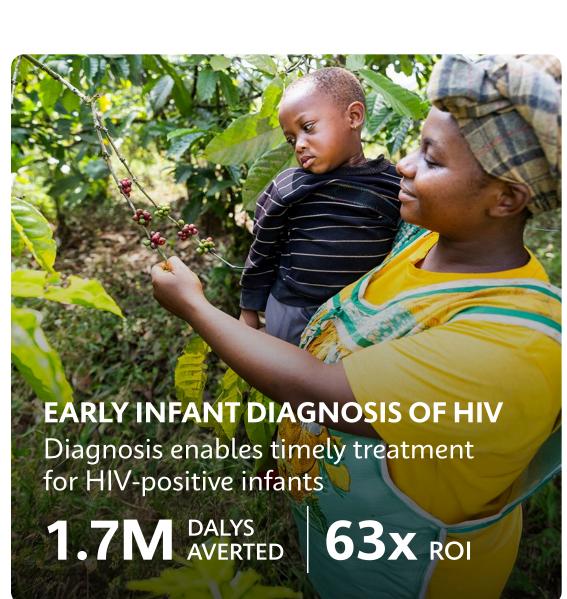
## Why it matters

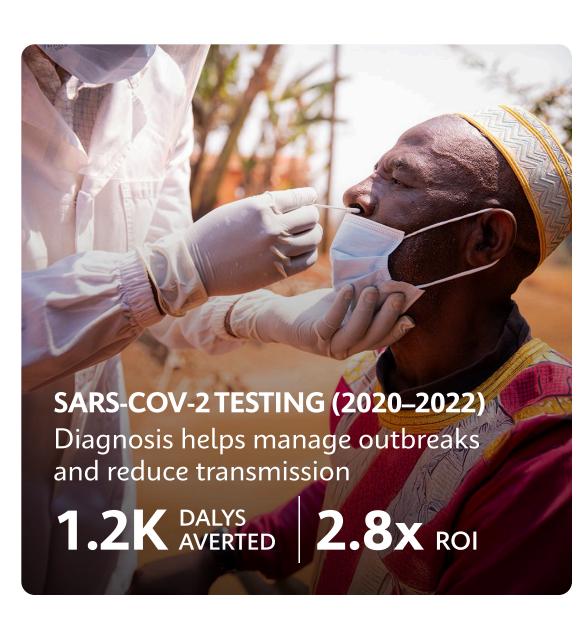
The proven clinical and economic benefits of molecular diagnostic testing can help clinicians guide future investments to save more lives and save healthcare systems more money.

### **BEYOND TB**

The overall clinical and economic impact of molecular testing for HIV and SARS-CoV-2









In 2024, Xpert MTB/RIF Ultra became the first TB test to meet WHO's pre-qualification standards.\*

\*World Health Organization

# What you can do

Learn how you can join us in our effort to improve access to molecular diagnostic testing around the world.

Partner with Cepheid in our fight to end TB