



Igenesis MTB/RIF Kit

*Make molecular diagnostic safer,
faster, and easier*



© Background

An estimated 10.6 million people fell ill with tuberculosis (TB) in 2021, an increase of 4.5% from 2020, and 1.6 million people died from TB, according to the World Health Organization's 2022 Global TB report, with enormous impacts on families and communities. Drug-resistance continues to be a major problem with close to half a million people developing drug-resistant TB every year, only one in three accessed treatment.

Therefore, rapid and accurate detection of TB in specimens and rapid diagnosis of drug-resistant TB are essential to effectively control the TB epidemic.

© Advantages

High-efficiency testing: Multi-targeted for TB/RR-TB in one tube to improve testing efficiency

Easy to use: Fully automatic, sample in, result out

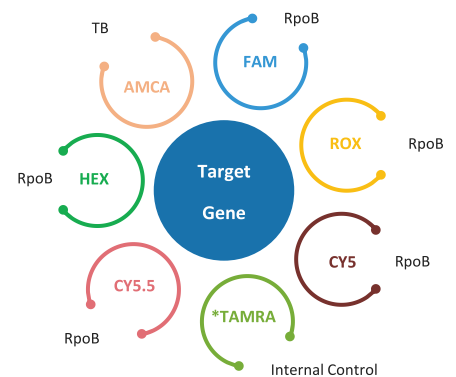
Safe to use: Fully enclosed iCassette prevents internal or external contamination and guarantees biosafety

Accurate results: Ultrasonic lysis

Magnetic bead extraction

qPCR analysis

Internal control monitor the entire process



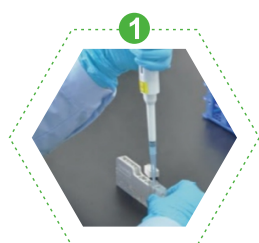


© Parameters

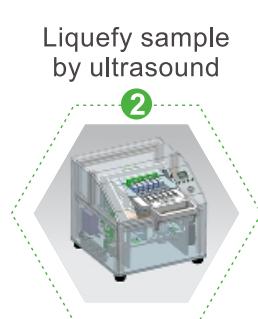
Applicable instruments	Automated Fully Enclosed qPCR Instrument: Galaxy Nano, Galaxy Pro and Galaxy Lite
Sample Type	Sputum
Turnaround Time	With in 2 hours for extraction, amplification, and result analysis
Test Method	Magnetic beads extraction, purification, and qPCR method
Target	TB:IS6110 , RIF:rpoB 81bp
Storage Condition	2~8°C

© Workflow

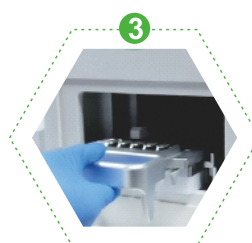
Easy&Fast&Safe



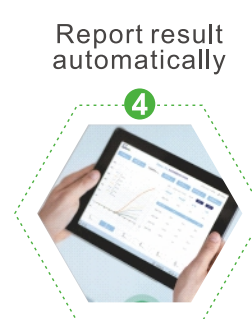
1
Add sample to the iCassette



2
Liquefy sample by ultrasound



3
Insert icassette to instrument



4
Report result automatically

Ordering Information

Product	Cat.No.	Specification
Diagnostic Kit for Mycobacterium Tuberculosis(MTB) complex DNA and Rifampicin resistance Mycobacterium tuberculosis	106-0056-01	12tests/kit