

MICROBIOLOGY

MTBN-RT100

MTB / NTM Detection Kit

Technical Specifications

Intended Use

- Qualitative in vitro assay for the detection of *Mycobacterium tuberculosis* (MTB) and non-tuberculosis mycobacteria.

Suitable Sample Type

- sputum
- solid culture and liquid culture
- fresh tissue
- bronchial washing
- FFPE samples

Test Procedure

- Viral Isolation
- Multiplex RT-qPCR

Validated PCR Instruments

- Bio-Rad CFX96
- Life Technologies ABI-7500
- Roche, Light Cycler 480 II
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR

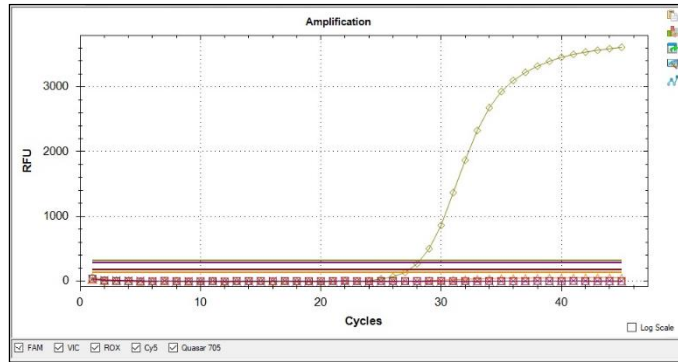
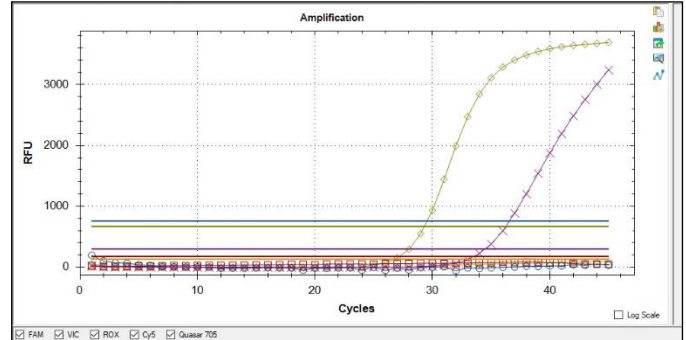
Catalog Number

- MTBN-RT100

Contact

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Positive Result Analysis



Negative Result Analysis

- ✓ This kit uses Multiplex Real-time PCR based method.
- ✓ Qualitative detection and genotyping for *Mycobacterium tuberculosis* (MTB) and non-tuberculosis mycobacteria.
- ✓ Cross contamination amplification preventative system (UDG).
- ✓ Fast and highly sensitive results.
- ✓ Results within 45 minutes after viral isolation.
- ✓ Extraction Solution is included with the kit.

GeneMAP™ MTB/NTM Detection Kit is designed specifically for pathogen detection with routine Multiplex RT-qPCR. It is easy to use, cost efficient and compatible with many Real-time PCR instruments.

Contents	Volume
4X MTB/NTM PPM	500 µL
2X Real Time PCR Master Mix (UDG) (x2)	500 µL
MTB/NTM PC	100 µL
DNA Extraction Solution (x2)	5 mL