

MTB Detection Kit

- Superior analytical sensitivity and specificity
- Fast and easy to use with Multiplex real-time PCR technology
- Contamination preventing system(UDG)
- Compatible with FAM, VIC/HEX two colours real-time PCR instruments
- Includes DNA Extraction solution

CE-IVD

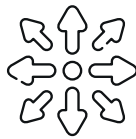
Real-time
PCR



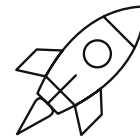
DNA
EXTRACTION
SOLUTION



UDG SYSTEM



MULTIPLEX



FAST



SENSITIVE

The geneMAP™ MTB Detection Kit, is a qualitative in vitro test for detection of *Mycobacterium tuberculosis* (MTB) from sputum, culture (solid culture and liquid culture), fresh tissue, and bronchial washing of symptomatic patients and FFPE samples.

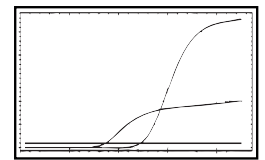
Simple real time - PCR Workflow



Sample preparation
Add DNA to the
reaction mix



qPCR amplification
Multiplex qPCR using primers
designed to amplify the DNA
sequences specific to each SNP
of interest



Data interpretation
SNPs are identified by
allele-specific
real time PCR.



Validated PCR Instruments

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

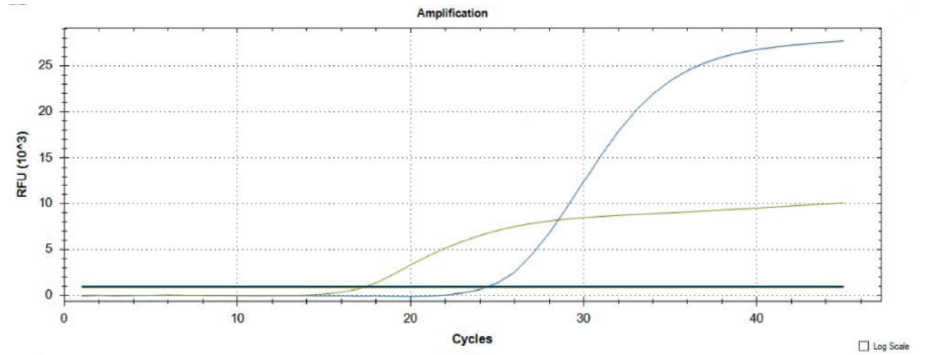
Ordering Information

MTB-RT100
geneMAP™ MTB
Detection Kit
100 tests **CE-IVD**

CE-IVD is available in the EU and countries outside EU accepting the CE-IVD certification.
Available as RUO in all other countries.

Technical Specifications

For detection of *Mycobacterium tuberculosis* (MTB) from sputum, culture (solid culture and liquid culture), fresh tissue, and bronchial washing of symptomatic patients and FFPE samples.



CONTENTS

VOLUME

4x MTB Primer Probe Mix	500 µl
2x Real Time PCR Master Mixes (UDG)	2 x 500 µl
RNase Free Water	400 µl
Positive Control	100 µl
DNA Extraction Solutions (DES-120)	2 x 7 ml

In GENMARK SAĞLIK URUNLERI, we aim to create the top quality, time and cost efficient, trust-worthy and user-friendly products. We specialize in in-vitro detection kit production and development which is used for the diagnosis and treatment monitoring of many diseases connected to genetics, oncology, microbiology and hematological oncology.