

Monkeypox PCR Detection Kit

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

CE-IVD

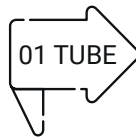
Real-time PCR



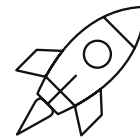
UDG SYSTEM



MULTIPLEX



ONE TUBE



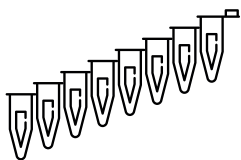
FAST



SENSITIVE

The geneMAP™ Monkeypox PCR Detection Kit is qualitative in vitro assay for the detection of Monkeypox virus from Nasopharyngeal swab, Oropharyngeal swab, Serum and Rash Fluid. Monkeypox is a rare disease caused by infection with the monkeypox virus. Monkeypox virus belongs to the Orthopoxvirus genus in the family Poxviridae. The Orthopoxvirus genus also includes variola virus (which causes smallpox), vaccinia virus (used in the smallpox vaccine), and cowpox virus. Monkeypox is not related to chickenpox.

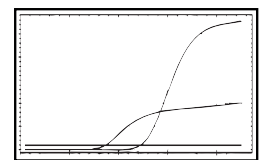
Simple real time - PCR Workflow



Sample preparation
Add Viral Nucleic Acid 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

MP-RT50

geneMAP™ Monkeypox PCR

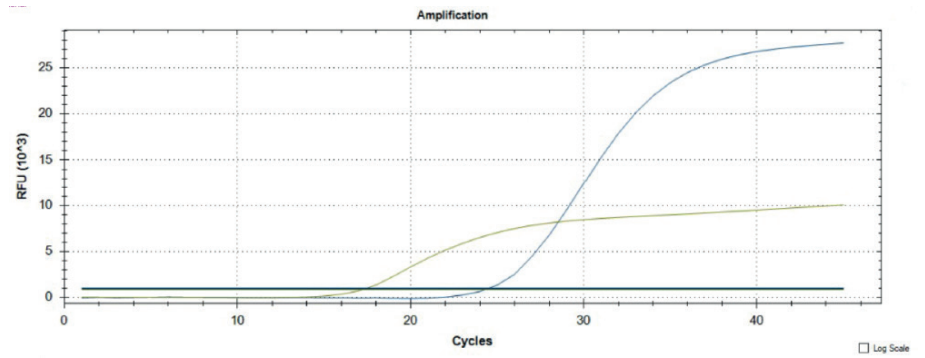
Detection Kit

50 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 the detection of Monkeypox virus from Nasopharyngeal swab, Oropharyngeal swab, Serum and Rash Fluid.



CONTENTS

VOLUME

4x Monkeypox Primer Probe Mix

275 µl

2x Master Mix with UDG

550 µl

RNase Free Water

400 µl

Positive Control

100 µl

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.