

MICROBIOLOGY

MP-RT50 Monkeypox PCR Detection Kit

Technical Specifications

Intended Use

- Detection of Monkeypox virus.

Suitable Sample Type

- Nasopharyngeal aspirate
- Nasopharyngeal swab
- Serum and Rash Fluid
- Oropharyngeal swab

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
- BaseTyper-PentaBase

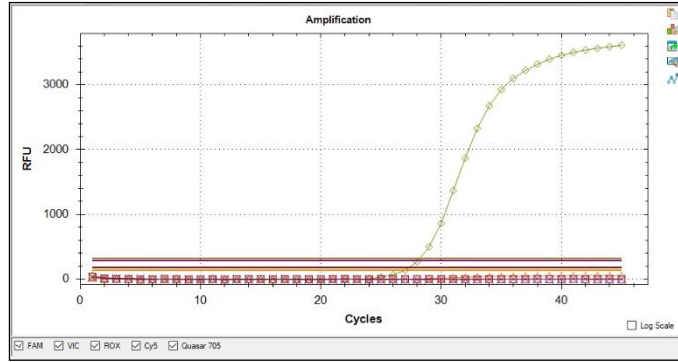
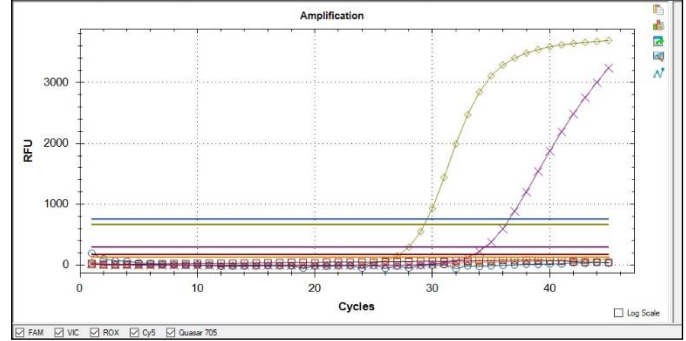
Catalog Number

- MP-RT50

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 Monkeypox Virus.
- ✓ Cross contamination amplification preventative system (UDG).
- ✓ Fast and highly sensitive results.
- ✓ Results within 45 minutes after viral isolation.

GeneMAP™ Monkeypox PCR 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
2X Master Mix with UDG	550 µL
4X Monkeypox Primer Probe Mix	275 µL
Monkeypox Positive Control	100 µL
RNase-free Water	400 µL