

MICROBIOLOGY

RV2-RT100/ RV2-RT500

Respiratory Viral Panel 2 (2019-nCoV, Inf A/B, RSV A/B)

Technical Specifications

Intended Use

- Detection of 3 airborne infectious pathogens.

Suitable Sample Type

- Nasopharyngeal aspirate
- Nasopharyngeal swab
- Bronchoalveolar lavage
- 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
- LightCycler480 II (Color Compansation)

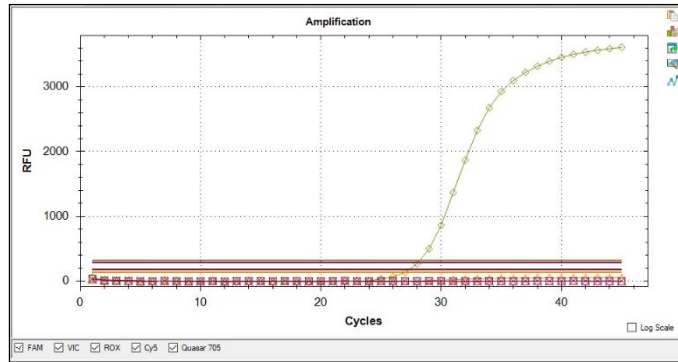
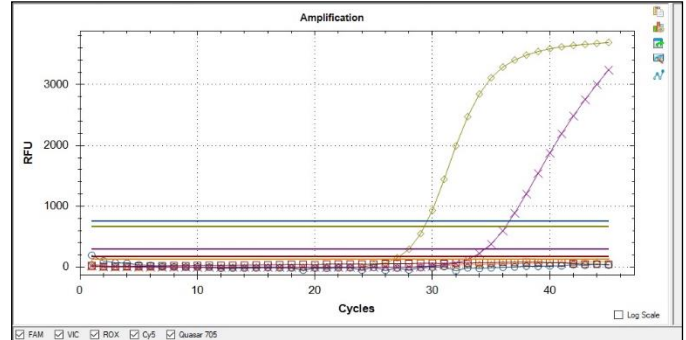
Catalog Number

- RV2-RT100
- RV2-RT500

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 airborne pathogens that cause infection. (2019 Novel Corona Virus (2019-nCoV), Influenza A/B (Inf A/B) and Respiratory syncytial virus A/B (RSV A/B)).
- ✓ Cross contamination amplification preventative system (UDG).
- ✓ Fast and highly sensitive results.
- ✓ Results within 45 minutes after viral isolation.

GeneMAP™ Respiratory Viral Panel 2 (2019-nCoV, Inf A/B, RSV A/B) 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
RV2 Reaction Mix	1500 µL
OneStep Enzyme Mix	165 µL
RV PC	100 µL
Negative Control	100 µL