

# Respiratory Master Panel

## Technical Specifications

### Intended Use

- Detection of 19 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)

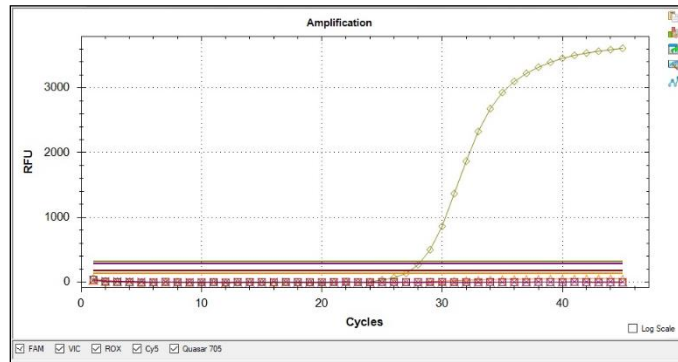
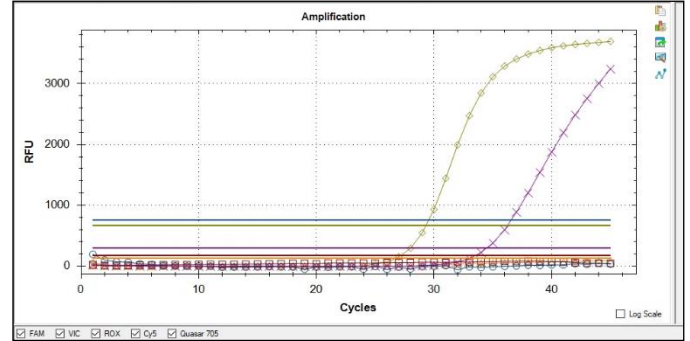
### Catalog Number

- RM-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 airborne pathogens that cause infection. (Inf A, Inf A (H1N1), Inf B, NL63, 229E, OC43, HKU1, AdV, MPV, HRV, HBoV, PIV1, PIV2, PIV3, PIV4, HEV, HPeV, RSV A/B, MP).
- ✓ Cross contamination amplification preventative system (UDG).
- ✓ Fast and highly sensitive results.
- ✓ Results within 45 minutes after viral isolation.

**GeneMAP™ Respiratory Master Panel 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 qRT-Reaction Mix (x2)	1500 µL
PPM1	300 µL
PPM2	300 µL
PPM3	300 µL
PPM4	300 µL
PPM5	300 µL
RV Master PC	100 µL
Negative Control	400 µL

In **GENMARK SAGLIK 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.