

## MICROBIOLOGY

nCoV-RT100/500

# 2019-nCoV (SARS-CoV-2) Detection Kit

### Technical Specifications

#### Intended Use

- Qualitative in vitro assay (Multiplex qRT-PCR) for the detection of SARS-CoV-2 for people with or without clinical symptom associated with COVID-19.

#### Suitable Sample Type

- Nasopharyngeal swab  
- Oropharyngeal swab

#### Test Procedure

- Viral Isolation  
- Multiplex RT-qPCR

#### Validated PCR Instruments

- Bio-Rad CFX96  
- Life Technologies ABI-7500  
- Roche, Light Cycler 480 II (Color Compensation)  
- Qiagen Rotor-Gene® 3000 Q5/Q6  
- BioMolecular Systems, MicPCR  
- Long Gene Q2000A-Hangzhou Scientific Instruments  
- Slan48p/96p Realtime PCR-Sansure

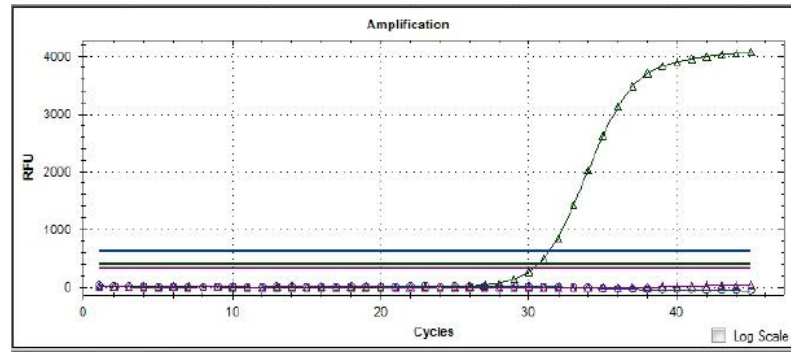
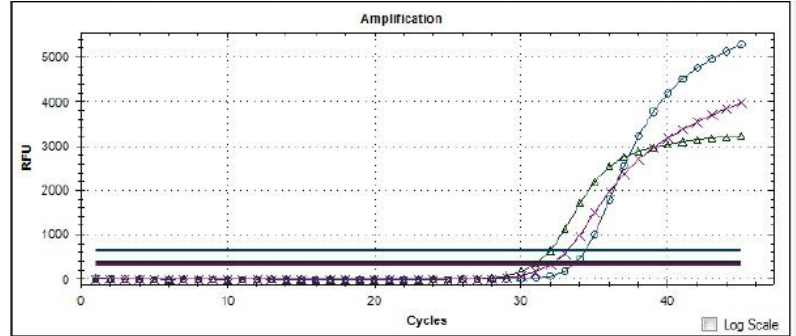
#### Catalog Number

- nCoV-RT100  
- nCoV-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 2019-nCoV, RdRp and N genes.
- ✓ Cross contamination amplification preventative system.
- ✓ Fast and highly sensitive results with single tube master mix.
- ✓ Results within 45 minutes after viral isolation.

**GeneMAP™ 2019-nCoV (SARS-CoV-2) 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
<i>Regular Format</i>	
2019 nCoV Reaction Mix	1500 µL
OneStep Enzyme Mix	165 µL
4X HPV PPM 4	100 µL
2019-nCoV PC	100 µL
Negative Control	100 µL
<i>Single Tube Format</i>	
2019 nCoV Master Mix (x4)	400 µL
2019-nCoV PC	100 µL
Negative Control	100 µL