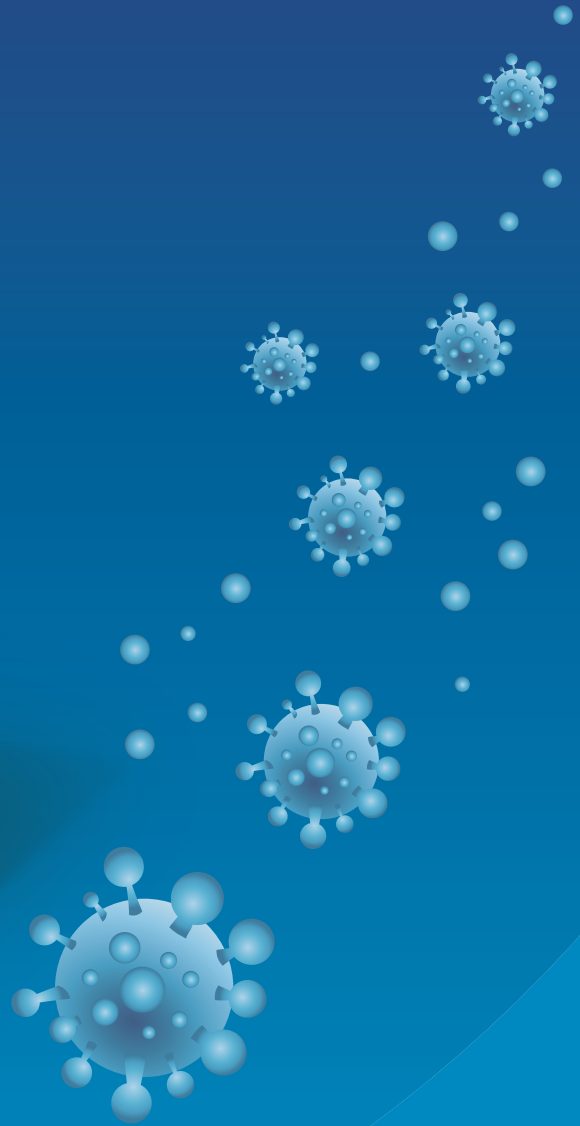




丹娜生物  
DNK

Catalogue No.DNK-1418-1

Co-developed with Institute of Medical Biology,  
Chinese Academy of Medical Sciences



## Novel Coronavirus (2019-nCoV) RT-PCR Kit

Molecular diagnosis of COVID-19(SARS-CoV-2)

- *Three gene targets:*

*ORF1ab gene*

*N gene*

*Actin*

-Samples: Throat swab/BAL/Sputum/Serum.etc

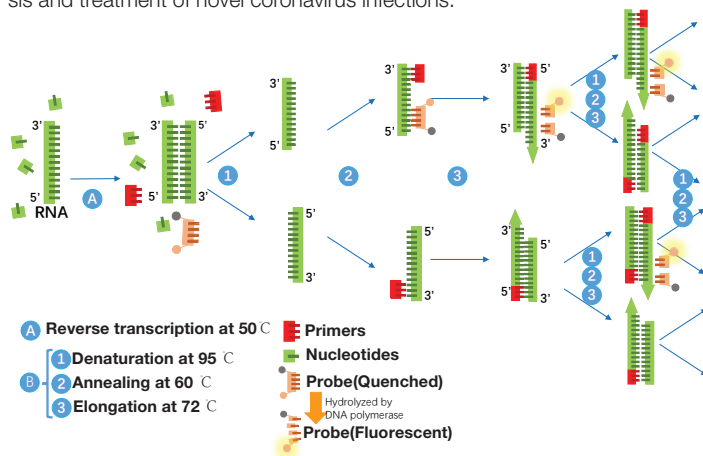
-TAT:1.5hours

-LOD:200 copies

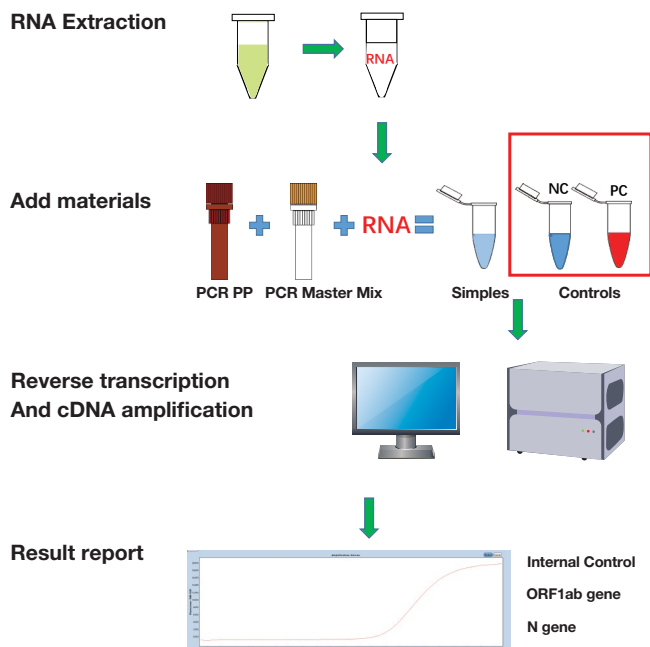
-Internal control

## 1 Intended use

Novel Coronavirus (2019-nCoV) RT-PCR Kit is a polymerase chain reaction IVD test to detect RNA of 2019-nCoV in samples like upper/lower respiratory tract samples (throat/nasal/conjunctival swabs, BAL, alveolar lavage fluid, deep sputum, faeces specimen, etc), serum and plasma. This assay has high sensitivity and specificity, and is of great significance for the early diagnosis and treatment of novel coronavirus infections.



## 3 Procedure



## 2 Specification

<b>Specimen</b>	Upper respiratory tract specimen (such as throat swab, nose swab, etc.) Lower respiratory tract specimens (such as respiratory tract aspirates, bronchial lavage fluid, alveolar lavage fluid, deep expectoration fluid, etc.) Conjunctival swabs, fecal specimens, anticoagulant and serum specimens
<b>Specification</b>	50 tests/kit
<b>Method</b>	Real-Time PCR
<b>Three Gene Targets</b>	2019-nCoV ORF1ab, 2019-nCoV N gene, Actin
<b>Used for</b>	Novel Coronavirus (2019-nCoV) diagnosis
<b>Time to answer</b>	1.5 hours
<b>Storage</b>	-25 °C to -15 °C
<b>Delivery</b>	-25 °C to -15 °C

## 4 Suitable platform

### -Extraction kit and platform:

bioMérieux NucliSens®systems (bioMérieux)  
RNasy®Mini Kit , EZ1 DSP Virus Kit (QIAGEN)  
Roche MagNA Pure96 DNA and Viral DNA Small Volume Kit (Roche)

### -Validated Real-Time PCR platform:

Roche LightCycler480 II  
ABI 7500

### -Other PCR platform:

Rotor-Gene® 6000/ Q 5/6 plex Platform  
CFX96™ Deep Well Real-Time PCR Detection System  
CFX96™ Deep Well Dx System  
CFX96™ Real-Time PCR Detection System  
CFX96™ Dx System

## 5 Order information

Cat. No.	Product	Method	Pack
DNK-1418-1	Novel Coronavirus (2019-nCoV) RT-PCR Kit	RT-PCR	50 TESTS/KIT