## Bring Technology to Life



# SARS-CoV-2 Nucleic Acid Detection Kit (Real-time RT-PCR Method)

The TianLong SARS-CoV-2 Nucleic Acid Detection Kit is intended for the qualitative detection of SARS-CoV-2 nucleic acid by Real-time reverse transcription Polymerase Chain Reaction (Real-time RT-PCR) method.



## Rapid

Only 40 minutes for detection



#### **Accurate**

Cover nearly all of known COVID-19 strains, including Delta variant



#### Reliable

Detect more than one genetic loci to ensure results accuracy



## **PARAMETERS**

| Order Code           | P732H   | P741H            | P742H   |
|----------------------|---|------------------|---|
| Specification        | 50 Tests /Kit   |                  |   |
| Target               | ORF1ab, N gene  | RdRp, N gene     | ORF1ab, N gene, E gene  |
| Sensitivity          | 200copies/mL  | 5copies/reaction | 200copies/mL  |
| Storage              | All reagents must be stored at −25°C to −15°C for 12 months.Under 8°C for shipment                |                  |   |
| Applicable Equipment | Instruments with FAM, VIC (HEX),<br>CY5 channels, i.e. TianLong Gentier<br>real time PCR systems. |                  | Instruments with FAM, VIC (HEX), Texas<br>Red(ROX) ,Cy5 channels, i.e. TianLong<br>Gentier real time PCR systems. |

# ASSAY WORKFLOW



2 Nucleic Acid Extraction

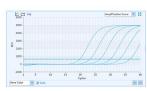
**3** PCR Detection











Version 3.0

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