

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.



### **More reliable**

detect more than one genetic loci  
to ensure results accuracy



### **More efficient**

upgraded kits shorten the extraction time  
from 60 minutes to 40 minutes



### **More accurate**

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

## **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), CY5 channels, i.e. TianLong Gentier real time PCR systems.		Instruments with FAM, VIC (HEX), Texas Red(ROX) ,Cy5 channels, i.e. TianLong Gentier real time PCR systems.

## **Kits components**

Code	P732H		P741H		P742H	
	Volume	In Tube	Volume	In Tube	Volume	In Tube
RT-PCR reagents						
Reaction Solution	850 µL	1 tube	850 µL	1 tube	850 µL	1 tube
Enzyme Mix	75 µL	1 tube	75 µL	1 tube	75 µL	1 tube
Primer and Probe Mix	75 µL	1 tube	75 µL	1 tube	75 µL	1 tube
Controls						
Positive Control	40 µL	1 tube	700 µL	1 tube	700µL	1 tube
Negative Control	40 µL	1 tube	700 µL	1 tube	700µL	1 tube



### **Tianlong Biotech**

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