

Bring *Technology* to *Life!*

Multiplex Detection Kit for SARS-CoV-2 Nucleic Acid and E484Q/P681R Mutants (Fluorescence PCR Method)

The TianLong SARS-CoV-2 RNA and E484Q/P681R Multiplex Detection Kit is intended for the qualitative detection of SARS-CoV-2 RNA and the E484Q/P681R mutant in S gene of SARS-CoV-2 by Real-time Reverse Transcription Polymerase Chain Reaction (Real-time RT-PCR) method. The test results are only for clinical reference, which can not be used as the sole basis for confirming or excluding cases.



User-friendly

a wider range of applicable equipment



More Accurate

cover nearly all COVID-19 strains, specifically accurate detection of Delta variant



Varied Specimens

human nasopharyngeal swabs, sputum, lower respiratory tract specimens, environment specimens



Parameters

Order Code	P743H
Specification	50 Tests /Kit
Target	N gene and the mutation sites of E484Q and P681R in the S gene
Sensitivity	200copies/mL
Specimen	human nasopharyngeal swabs, sputum, lower respiratory tract specimens, environment specimens
Storage	All reagents must be stored at -25°C to -15°C for 12 months. -25°C and 8°C for shipment.
Applicable Equipment	Instruments with with FAM, VIC (HEX), ROX(Texas Red) and Cy5 channels, i.e. TianLong Gentier real time PCR systems.

Kits components

RT-PCR reagents	Volume
P743H Reaction Mix	625μL ×1
P743H Enzyme Mix	50μL ×1
P743H Primer and Probe Mix	325 μL ×1
Controls	Volume
P743H Positive Control	700 μL ×1
P743H Negative Control	700 μL ×1

