HEALGEN®

SARS-CoV-2 Detection Kit (Fluorescence RT-PCR)

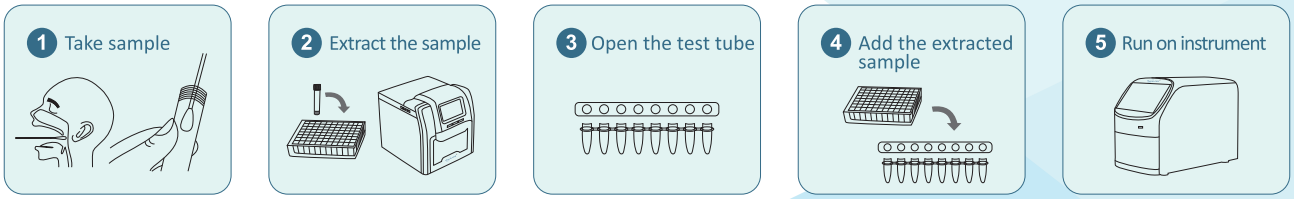
- Store at Room Temperature
- High Sensitivity , High Specificity
- Human Housekeeping Gene RNase P
- Reliable Result
- Pre-dispensed single-serving reagents for less time and effort

Test Principle

The SARS-CoV-2 Detection Kit (Fluorescence RT-PCR) is a qualitative real-time fluorescent PCR test. Specific primers & probes are designed to detect the highly conservative regions of the ORF1ab and N gene sequences of SARS-CoV-2. A pair of primers and a probe for detecting endogenous human RNase P gene are included as an internal amplification control to monitor the whole test process and control for inhibition. The specific probes of the ORF1ab and N genes are labeled with FAM and VIC respectively, and the probe of internal amplification control is labeled with CY5.

Product Specification

Target	LOD	Sample Type	Storage
ORF1ab gene, N gene	100 copies/mL	Respiratory specimen	Below 35℃
Shelf Life	Protocol Duration	Catalog No.	Kit Size
18 months from the date of manufacture	65 minutes	ACOV03D	48 Tests/Kit, 96 Tests/Kit (Lyophilization)



Wide range of applicable models:

It is suitable for ABI, Roche, Bio-Rad, Bioer, Hongshi, Molarray and similar multi-channel fluorescent PCR.

Equipment on sale

HG-P960 Real-time PCR system

- Automatic pop-up sample bin
- Intelligent adjustable hot cover
- 6 partition thermal cycling module
- Full adaptable software system
- Top imaging photoelectric detection

OG-P100 Real-time PCR system

- General consumables matching, easy to use
- No need to calibrate regularly
- Fast mode can complete the test in 20 minutes
- 10 inch screen is easy to operate and save space
- Self owned special chip to optimize instrument structure
- Independent research and development, flexible combination and customization

HG-P320 Real-time PCR system

- The experimental results can be exported directly.
- 4.7-inch high-definition TFT color touch screen, and embedded operating system.
- 4 channels and double 16-well blocks design, can run two different programs at the same time.
- Powerful software analysis function, which can be used for Quantitative Analysis, Melting Curve Analysis, etc.

CE ISO

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