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

Intended use

The SARS-CoV-2 Detection Kit (FluorescenceRT-PCR) is a real-time RT-PCR test intended for the presumptive qualitative detection of nucleic acid from the SARS-CoV-2 virus in respiratory specimen such as oropharyngeal (throat) swab, nasopharyngeal swab, anterior nasal swabs, mid-turbinate swabs, nasal washes, nasal aspirates, sputum or BALF specimens from individuals suspected of COVID-19 by their healthcare provider.
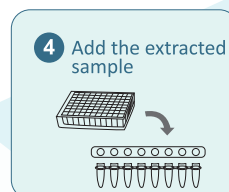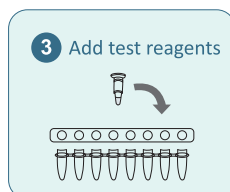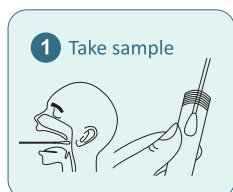
Features:

High sensitivity, high specificity
Flexible sample type selection
Reliable and reproducible results
Lyophilized reagent available

Specification

- **Protocol Duration:**
  90-120 minutes
- **Storage:**
  -25°C to -15°C
- **Analytical Sensitivity (LoD):**
  100 copies/mL
- **Shelf life:**
  12 months from the date of manufacture
- **Coverage Gene:** ORF1ab(RDRP)and N genes of 2019-nCoV, sensitive and conservative

Product Description	Specimen	Catalog No.	Format	Kit Size
SARS-CoV-2 Detection Kit (Fluorescence RT-PCR)	Common respiratory samples	ACOV03	Kit	48 tests/kit, 96 tests/kit
		ACOV03D		48 tests/kit, 96 tests/kit (Lyophilization)

1 Take sample **2** Extract the sample **3** Add test reagents **4** Add the extracted sample **5** Run on instrument

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