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

Intended use

The SARS-CoV-2 Detection Kit (Direct Fluorescence PCR) is a rapid real-time RT-PCR test without RNA-purification intended for the presumptive qualitative detection of nucleic acid from the SARS-CoV-2 virus in oropharyngeal swab and nasopharyngeal swab specimens from individuals suspected of COVID-19 by their healthcare provider.

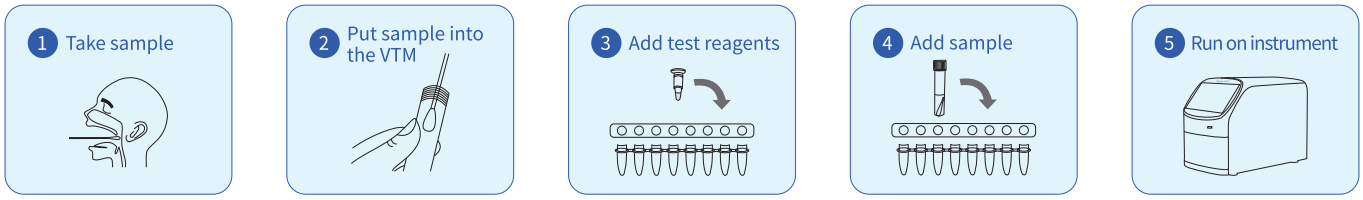
Features:

Extraction free preparation: High sensitivity, high specificity
Exceptional Speed: Entire amplification protocol is about 65 minutes
Reduced Handling: Fewer hands-on time and risk of contamination

Specification

- **Protocol Duration:** 50-80 minutes
- **Analytical Sensitivity (LoD):** 200 copies/mL
- **Storage:** -25°C to -15°C
- **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 (Direct Fluorescence PCR)	Oropharyngeal or nasopharyngeal swabs	ACOV01	Kit	48 tests/kit, 96 tests/kit
		ACOV02		48 tests/kit (1 test/tube, Premixed)



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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