



SARS-CoV-2

RT-PCR Test Kit

Qualitative detection of nucleic acid from SARS-CoV-2 in oropharyngeal swab, nasopharyngeal swab and deep cough sputum specimens collected from individuals suspected of SARS-CoV-2 by their healthcare provider. *



* Clinical correlation with patient history and other diagnostic information is necessary to determine patient infection status.

The novel coronavirus belongs to the genus. COVID-19 is an acute respiratory infectious disease. Currently, patients infected by the novel coronavirus are the main source of new infections; asymptomatic carriers can also be a source of infection propagation. Based on the current research, the incubation period is between 2 to 14 days after exposure to the virus. The main manifestations of the disease include fever, fatigue and dry cough. Nasal congestion, loss of smell, sore throat, myalgia and diarrhea as well as other less common symptoms can also be seen in patients.

Advantages

- Single-well, triple target assay covering high conserved regions within N, E and ORF1ab gene for high specificity.
- Full-process controls with negative, positive and internal controls.
- Qualitative detection of nucleic acids from SARS-CoV-2.

Key Features and Performance

Features	Descriptions
Technology	Real-Time reverse transcription polymerase chain reaction (rRT-PCR)
Target Region	N, E, ORF1ab
Specimen Type	Oropharyngeal swab, nasopharyngeal swab and deep cough sputum
Internal Control	Yes
Minimum Sample Volume	200 µL
Test Duration	90 minutes
Limit of Detection	500 copies/mL
Precision of In-batch and batch (CV)	<5%
Positive Percent Agreement	97.46% (95%CI: 92.75%-99.47%)
Negative Percent Agreement	98.26% (95%CI: 94.99%-99.64%)
Accuracy	97.93% (95%CI: 95.56%-99.24%)
Storage Temperature	-20±5°C
Package Size	32 Tests/Kit

ORDERING INFORMATION

Product Name	Catalog No.	Components
SARS-CoV-2 RT-PCR Test Kit	P131-1591√	Reaction Mix 1×630µL
		Enzyme Mix 1×70µL
		Positive Control 1×200µL
		Negative Control 1×200µL

√ CE marked

We also offer other diagnostic and medical products including:

Blood Glucose and other meters, Lateral Flow tests, Urinalysis products, POCT products, Immunoassays and more.

Contact us for worldwide distribution and custom manufacturing (OEM) opportunities.

√ CE Marked for sale in the European Community

Programs and specifications are subject to change without prior notice. Please contact local distributors.



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