



# ECEGEN

## COVID-19 RT-PCR KIT

[ecegen.com](http://ecegen.com)

**ECEGEN**

Extra Comprehensive Exploration

*Ecegen COVID-19 RT-PCR Kit is a real-time RT-PCR based detection kit for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2).*

[info@ecegen.com](mailto:info@ecegen.com)



**TEST TIME**  
**35 minutes**

Primer and Probe mix based on dual target gene design  
Target gene, nucleocapsid (N) gene (N1 and N2)  
No cross reaction with other respiratory viruses  
Most reliable detection with 3 fluorescent channels (FAM, HEX and Cy5)

Specificity: 100 %

Sensitivity: 100 %

*It is for the use of the COVID-19 screening test in human nasopharyngeal and oropharyngeal swab or sputum samples and plays an important role in the evaluation of anti-viral drug efficacy.*

*The COVID-19 primer and probe set is designed for the specific detection of COVID-19 targeting in the Nucleocapsid gene using Taqman probe real-time RT-PCR technology.*

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## EXCELLENT PERFORMANCE

*High Sensitivity and Specificity*

## TEST TIME

*Results achieved within 35 minutes after extraction*

## WORKING EXAMPLES

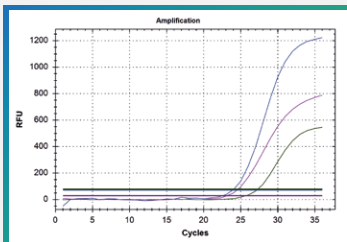
*Nasopharyngeal swab  
Oropharyngeal swab  
Oropharyngeal wash sputum  
Endotracheal aspirate  
Bronchoalveolar lavage*

## PATIENT SENSITIVITY

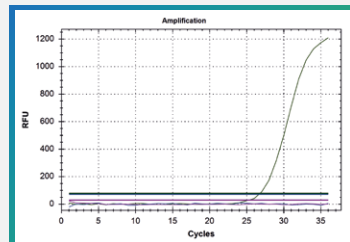
*Accurate results to provide correct treatment*

## STORAGE CONDITION

*-20°C*



**POSITIVE**



**NEGATIVE**

**3 CHANNEL**  
(FAM, HEX and CY5)

**REAL-TIME PCR (RT-PCR) TEST FOR IN VITRO QUALITATIVE DETECTION** SARS CoV-2 (N1 and N2 gene) primer and probe mix hybridizes to specific and conserved regions of the virus nucleocapsid (N) gene recommended and designed by CDC and WHO.

PRODUCT CODE	NAME OF THE PRODUCT	PACKAGING	STORAGE	SHELF LIFE
20121471	Ecegen COVID-19 RT-PCR Kit	100 Reactions	-20°C	12 Months
20121472	Ecegen COVID-19 RT-PCR Kit	200 Reactions	-20°C	12 Months
20121473	Ecegen COVID-19 RT-PCR Kit	500 Reactions	-20°C	12 Months
20121474	Ecegen COVID-19 RT-PCR Kit	1.000 Reactions	-20°C	12 Months
20121475	Ecegen COVID-19 RT-PCR Kit	2.000 Reactions	-20°C	12 Months
20121476	Ecegen COVID-19 RT-PCR Kit	3.000 Reactions	-20°C	12 Months



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