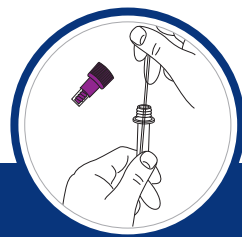


Swab



Stir



Squeeze



Run

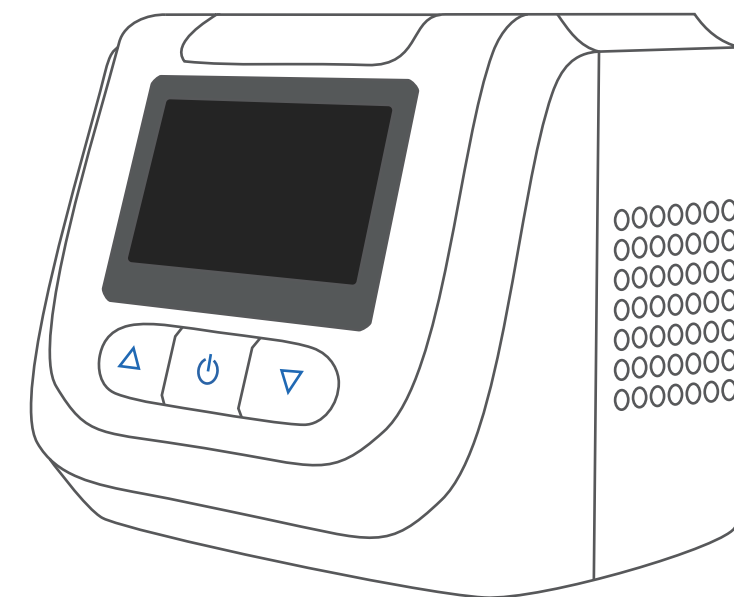


Read



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A COMPLETE POCT SOLUTION FOR SARS-COV-2 RNA TEST



- Simple Operation
- Fast Detection
- High Sensitivity
- Result in 25 minutes

positive results in as little as 8 minutes

Gene Scoper

HG-I101/HG-I201

The Gene Scoper is based on constant chain substitution and polymerase reaction for synthetic amplification of specific genes, using the characteristic that the time elapsed when the fluorescence signal in the reaction tube reaches a set threshold correlates with the starting copy number of that template, measuring the fluorescence signal through the fluorescence detection system, and analyzes the gene to be tested in the sample.



A portable isothermal amplification gene detector

Specification

Instrument model	HG-I101	HG-I201
Functional features	Qualitative testing	
Display screens	LCD display	
Dimensions	L95× W95× H105mm	L120× W97× H92mm
Weight	800g	900g
Data storage	500 articles	
Reaction time	8-25minutes	
Sample size	1 hole	
Reaction tubes	DNase and RNase-free 1.5 mL centrifuge tubes	
Reaction volume	75-100μl	
Temperature control range	5~85℃	
Excitation wavelength	470~600nm	
Absorption wavelength	520~630nm	
Fluorescent detection dyes	FAM/SYBR Green I	FAM/SYBR Green I/VIC
Detectors	High precision photon counters	
Repeatability of fluorescence intensity detection	CV<5%	
Sensitivity of nucleic acid amplification assays	500 Copies/mL	

Rapid SARS-CoV-2 RNA Test

RCOV01

The Rapid SARS-CoV-2 RNA Test is a qualitative in vitro nucleic acid RT-LAMP test for the detection of N gene of SARS-CoV-2 virus in nasal swab specimens from individuals suspected of COVID-19 by their healthcare provider.

Technology

This product is based on the reverse transcription loop-mediated isothermal amplification (RT-LAMP) technology. The amplification process can be monitored by fluorescence detector in real time and the detection can be completed in 20 minutes.



Specifications

The Limit of Detection (LoD) : 1000 copies

Sample Type : Nasal swab

Protocol Duration : 25 minutes

Storage : 0℃-35℃

Shelf Life : 12 months from the date of manufacture



Available POCT Kits

Product Description	Specimen	Catalog No.	Format	Kit Size
Rapid SARS-CoV-2 RNA test	Nasal Swab	RCOV01	Kit	25 Tests/Kit; 50 Tests/Kit
Rapid Influenza A/B RNA test	Nasal Swab	RFLU01	Kit	25 Tests/Kit; 50 Tests/Kit
Rapid mycoplasma pneumoniae DNA test	Nasal Swab	RMP01	Kit	25 Tests/Kit; 50 Tests/Kit
Rapid Respiratory Syncytial Virus RNA test	Nasal Swab	RRSV01	Kit	25 Tests/Kit; 50 Tests/Kit

Analysis of Results

Test Result (The word displayed on the screen)	Interpretation
Negative	SARS-CoV-2 Negative
Positive	SARS-CoV-2 Positive
Weakly	Inconclusive, Retest
If the retest shows Negative, interpretation as SARS-CoV-2 Negative; If the retest shows Positive or Weakly, interpretation as SARS-CoV-2 Positive	