



# COVID-19 Antigen Rapid Test Kit (FIA)

**15 MINUTES**  
DETECTION TIME

 European CE certified



## Benefits

### Of antigen rapid test

- **Fast**
- **No Queues, No Wait time** for results
- **Low Cost**
- **Early Detection & Elimination**
- Effort less, and **accessible** to everyone nationwide, instantly
- Viable **precautionary** step
- Objective, accurate results
- Fluorescent technology with automated read





# Detection Period 15 MINUTES

Excellent Performance compared with PCR

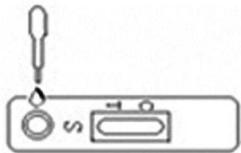
For Professional Use

Works With Nasal/Throat Swab

Tests for Antigen Simultaneously

POCT Screening

Add 100µl sample



Incubate 15' at RT

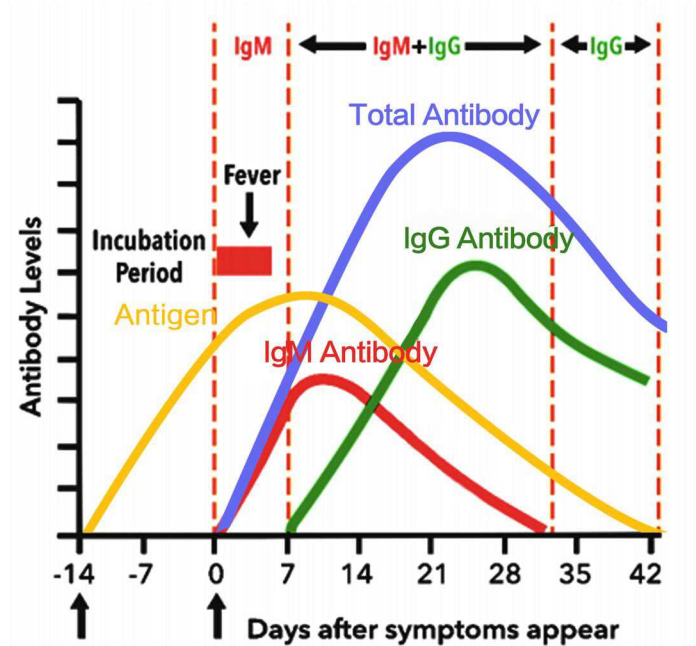


Read Result



## Diagnostic Process

COVID-19 Antigen Rapid Test Kit(FIA) uses advanced immunofluorescence-based lateral flow technology in a sandwich design for qualitative detection of nucleocapsid protein from SARS-CoV-2. COVID-19 Antigen Rapid Test Kit (FIA), with the Fluorescent Immuno-Analyzer (Model:AFS-1000), provides automated and objective results in 15 minutes, allowing for testing of patients suspected of COVID-19 in near-patient testing environments.





# Procuft Parameters

## COVID-19 Antigen Rapid Test Kit (FIA)

Principle	Sandwich FIA
Sample Type	Nasal/Throat Swab
Sample Volume	100 $\mu$ L
Assay Incubation	15 minutes,RT
Total Wash Steps	No
Sensitivity	85.00% (95%CI: 63.96%–94.76%)
Specificity	100.00% (95%CI: 96.30%–100.00%)
Overall Agreement	97.50% (95%CI: 92.91%–99.15%)

		Covid-19 RT-PCR Assay		
		Positive	Negative	Total
Kewei COVID-19 Antigen Rapid Assay	Positive	17	0	17
	Negative	3	100	103
	Total	20	100	

## Certification





## Technical Comparison

	Fluorescence PCR	ELISA	Colloidal Gold method	FIA
<b>Detection substance</b>	Nucleic acid	Antibody	Antibody	Antigen
<b>Type of sample</b>	nasopharyngeal swabs, sputum, alveolar lavage fluid	Serum/plasma	serum/plasma/whole blood	Nasal/Throat Swab
<b>Time to get result</b>	2 hrs	1 hrs	Fastest 10 minutes	15 minutes
<b>Instrument needed or not</b>	Yes	Yes	No	Yes
<b>Laboratory requirement</b>	Confirming diagnosis	Nucleic acid negative sample reviewing or high-volume sample detection	Nucleic acid negative sample reviewing or basic hospital sample testing	Early Diagnosis

## Ordering Info

Code	Product Name	Format	Methodology
600092	Covid-19 IgG/IgM Antibody Rapid Test Kit	25T/Kit	Colloidal Gold
601310	Covid-19 RT-PCR Test kit	50T/Kit	RT-PCR
601330	Covid-19 Antigen Rapid Test Kit	25T/Kit	FIA
601340	Covid-19 IgG Antibody ELISA Test Kit	96T/Kit	ELISA
601350	Covid-19 IgM Antibody ELISA Test Kit	96T/Kit	ELISA
601370	Covid-19 Total Antibodies ELISA Test Kit	96T/Kit	ELISA



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