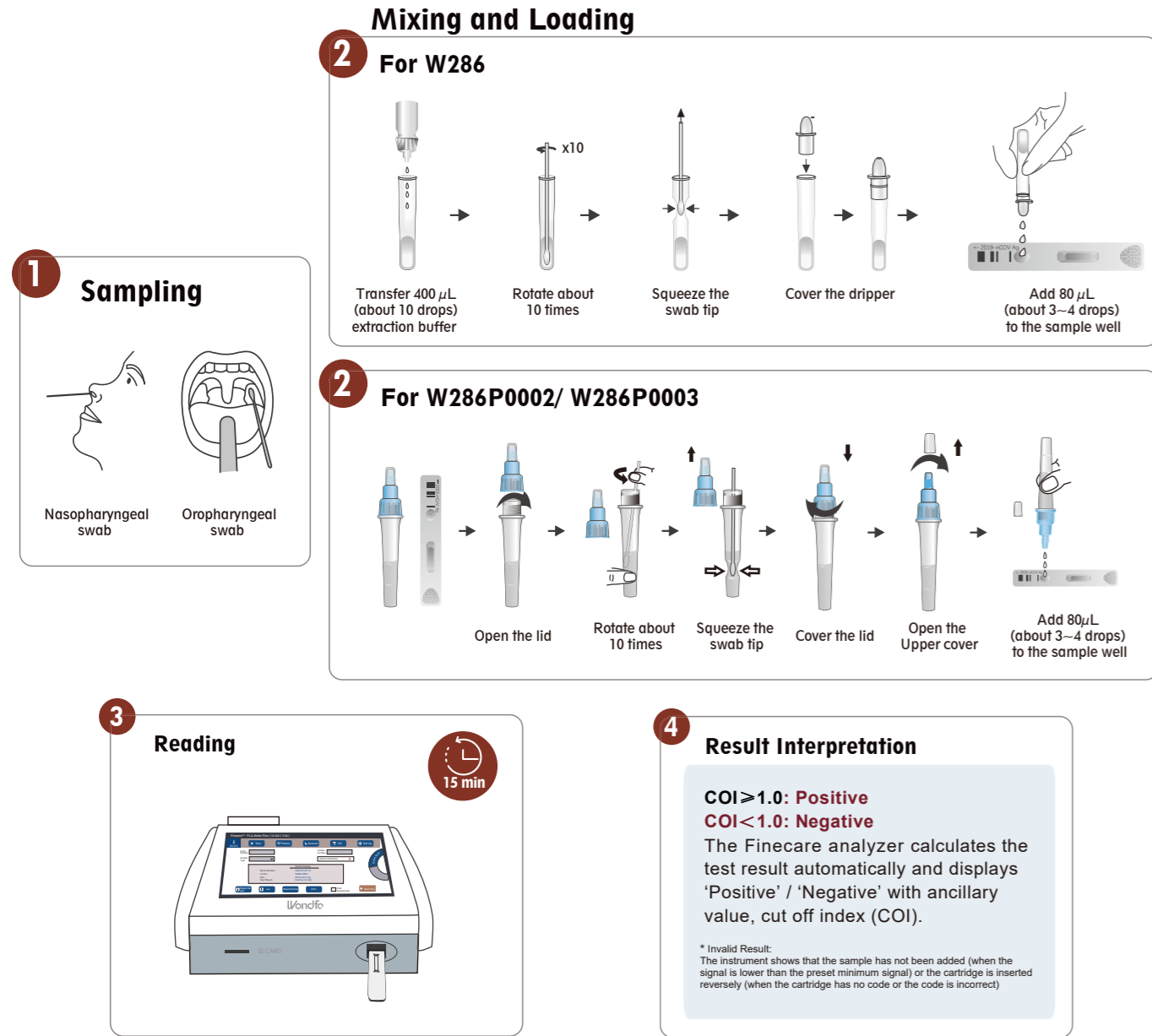


Operation Procedure of 2019-nCoV Antigen Test



WONDFO BIOTECH
 WeAreWorkingForYourHealth

Performance

Reagents	PCR		Total
	Positive	Negative	
Finecare™ 2019-nCoV Antigen Test	Positive	181	183
	Negative	3	354
Total	184	353	537

Sensitivity: 98.37% (95.31%~99.66%)

Specificity: 99.43% (97.97%~99.93%)

PPV: 98.91% (96.11%~99.87%)

NPV: 99.15% (97.54%~99.82%)

Total agreement: 99.07% (97.84%~99.70%)

Limit of Detection: The LoD of this test is 1.02×10^2 TCID₅₀/mL

Guangzhou Wondfo Biotech Co., Ltd.

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Finecare™ 2019-nCoV ANTIGEN TEST

Point-of-care COVID-19 antigen test

Speed Up the **COVID-19** Control !

Finicare™ 2019-nCoV ANTIGEN TEST



Finicare™ II Plus (FS-113)

- Small size and portable
- Suitable for operating in biosafety cabinet

Finicare™ III Plus (FS-205)

- High throughput, 20 channels, up to 120 t/h for COVID-19
- Semi-automatic, less manual operation



Direct detection of virus, faster than PCR test



Room temperature storage (4~30°C)



Easy to use, instant results in 15 minutes

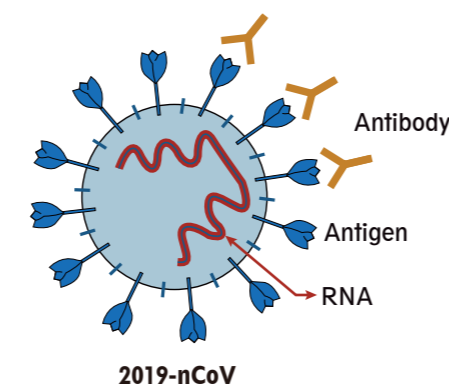


Auto-Interpretation and printable results via analyzer

Order information

Catalog No.	W286/W286P0002/ W286P0003
Product Name	Finicare™ 2019-nCoV Antigen Test
Storage Condition	4~30 °C
Shelf Life	24 Months
Sample Type	Nasopharyngeal swab or oropharyngeal swab
Reaction Time	15 mins
Results Display	Qualitative with COI results
Packing Size	25 Tests
Qualification	CE
Quality Control	Positive Control Swab and Negative control swab(for W286P0003)

Diagnostic Methods for COVID-19



Antigen test

Detect the antigen of the virus, indicating the active viral infection.

RT-PCR

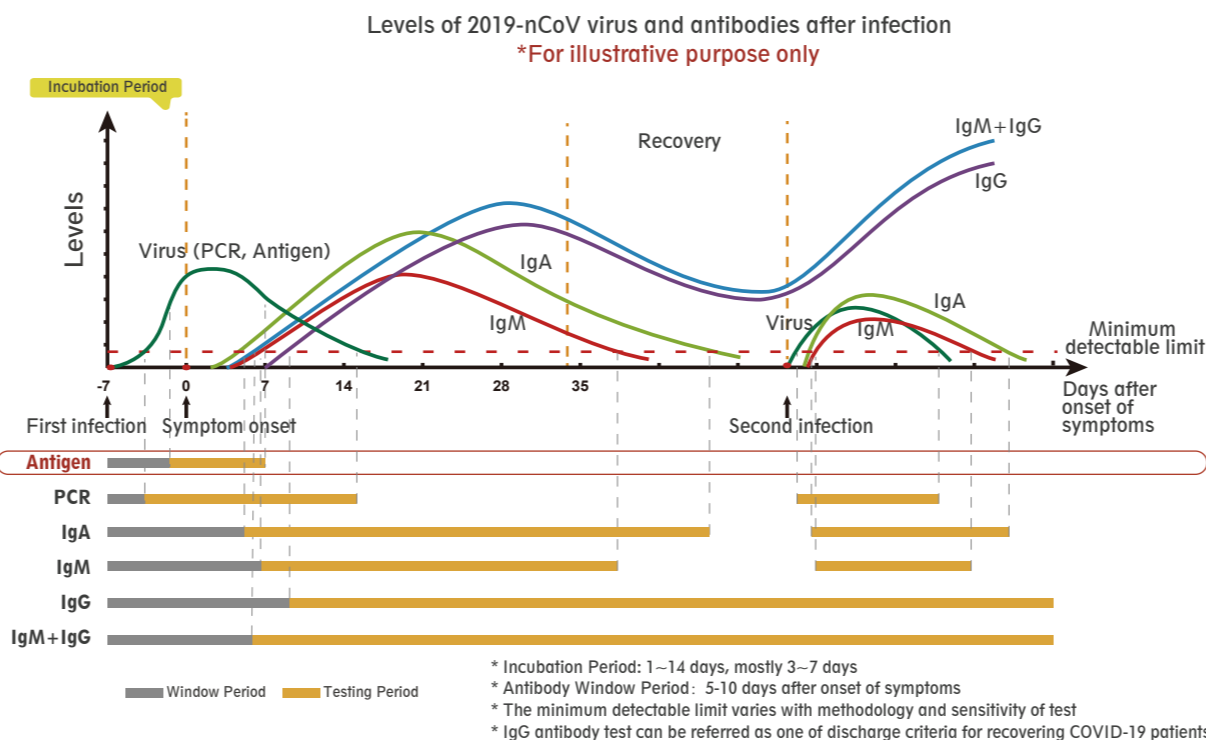
Detect the RNA of virus, indicating the active viral infection.

Antibody test

Detect the antibody generated by immune response after viral infection, indicating the active or past viral infection.

What is Antigen Test

Releasing profile



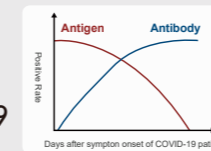
Antigen Test Advantages

Antigen test **OVER** RT-PCR

- Short turn-around time (Antigen test: 20 mins vs. RT-PCR: 2 hours)
- Cost effective, simple operation make antigen test suitable for point-of-care (POC) setting usage.

Antigen test **OVER** Antibody test

- Detect the virus directly
- The early detection of COVID-19



Antigen Test Applications

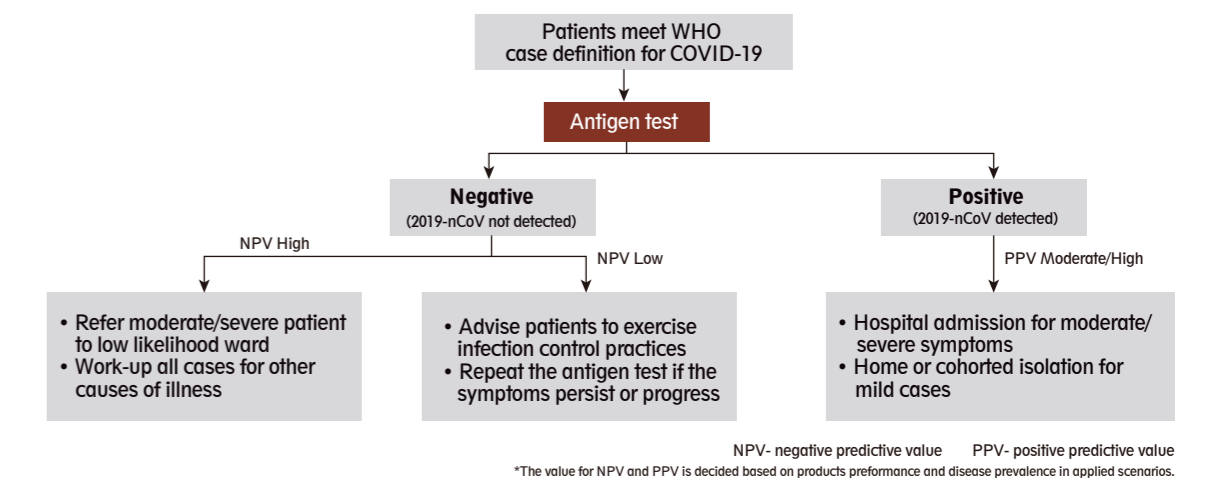
Similar to RT-PCR, the detection of antigen indicates the active infection. Under the circumstance that the area(s) still undergo widespread community transmission with limited RT-PCR resources, antigen can be used for aiding in the diagnosis of COVID-19 suspect patients.



Antigen Test Official Guidelines



Antigen-detection in the diagnosis of 2019-nCoV infection using rapid immunoassays



Other antigen test related guidelines

- Interim Guidance for Rapid Antigen Testing for 2019-nCoV, American CDC (8-16-20)
- Considerations for Use of 2019-nCoV Antigen Testing in Nursing Homes, American CDC (8-27-20)
- Antigen-Detection in the Diagnosis of 2019-nCoV Infection Using Rapid Immunoassays, WHO (9-11-20)
- Considerations for Implementation of 2019-nCoV Rapid Antigen Testing, APHL (9-2-20)

COVID-19 Related Items on Finicare™

Together with antibody test, multiple lab test items related to COVID-19 are available on Finicare™ platform

Finicare™ Tests	Findings	Clinical utility in COVID-19
CRP	↑	Associated with worse clinical outcome
PCT	↑	Associated with secondary bacterial infection
IL-6	↑	Associated with activation of coagulation and poor prognosis
D-Dimer	↑	Associated with poor clinical outcomes
cTnI / cTnT	↑	Associated with COVID-19 induced cardiac disease and poor prognosis
CK-MB	↑	
Myoglobin	↑	
BNP / NT-proBNP	↑	