

# COVID-19 Antigen Rapid Test

## Key Facts

- ▶ The novel coronaviruses belong to the  $\beta$  genus. COVID-19 is an acute respiratory infectious disease. People are generally susceptible. Currently, the patients infected by the novel coronavirus are the main source of infection; asymptomatic infected people can also be an infectious source. Based on the current epidemiological investigation, the incubation period is 1 to 14 days, mostly 3 to 7 days. The main manifestations include fever, fatigue, and dry cough. Nasal congestion, runny nose, sore throat, myalgia, and diarrhea are found in a few cases.
- ▶ This test is for detection of SARS-CoV-2 nucleocapsid protein antigen. Antigen is generally detectable in upper respiratory specimens during the acute phase of infection. Rapid diagnosis of SARS-CoV-2 infection will help healthcare professionals to treat patients and control the disease more efficiently and effectively.

## Intended Use

The COVID-19 Ag Rapid Test Cassette (Oral Fluid) is an immunochromatographic membrane assay that uses highly sensitive monoclonal antibodies to detect nucleocapsid protein from SARS-CoV-2 in oral fluid.

## Features & Benefits

- Rapid testing for SARS-CoV-2 antigen within 15 minutes.
- Simple, time-saving procedure.
- All necessary reagents provided & no equipment needed.
- High sensitivity and specificity.
- Collect specimen more comfortably.

## Specification

Information	InDetail
Time to result	15 minutes
Storage	2-30°C
Shelf life	24 months
Specimen type	Oral fluid

## Contents

- 20 Test cassettes
- 20 Droppers
- 20 Oral Fluid Collectors
- 20 Extraction tubes with buffer and tips
- 2 Workstations
- 1 Package insert

## Test Procedure & Interpretation of Results

### Specimen Preparation



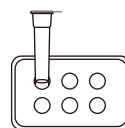
#### Step 1

Bring close to the lips and gently spit in the oral fluid. Lightly shake the oral fluid collector up and down or sideways to let the oral fluid flow to the bottom.



#### Step 2

The volume of oral fluid needs to be greater than 0.5 mL scale line.



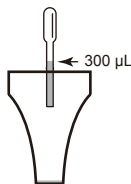
#### Step 3

Insert the test extraction tube into the workstation provided in the kit. Make sure that the tube is standing upright and reaches the bottom of the workstation.



#### Step 4

Tear off the sealing film on the extraction tube gently to avoid spilling out the liquid.



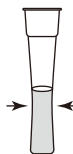
#### Step 5

Use the dropper provided in the kit to suck the oral fluid to the mark (about 300 µL).



#### Step 6

Extrude all the specimen into the extraction tube.



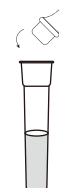
#### Step 7

Squeeze the tube about 6 times to allow for a thorough mixing.



#### Step 8

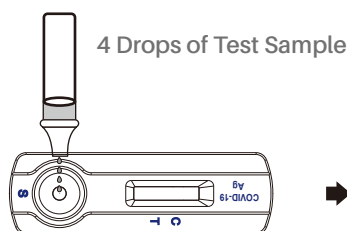
Leave for 1 minute.



#### Step 9

Insert the tip into the extraction tube.

### Test Procedure



Positive



Negative



Invalid

## Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
COVID-19 Ag Rapid Test	Oral fluid	GCCOV-702a/	Cassette	20 Tests/Kit

√ CE Marked

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