



## ■ Introduction

Product	Cat. No	Specimen	Kit Size
COVID-19 IgM/IgG Antibody Detection Kit (Colloidal Gold Immunochromatography)	YXI-CoV-IgM&IgG	Whole blood/ Serum/ Plasma	10 tests/box

## ■ MANUFACTURER

Company Name: Aurora Biomed Inc.  
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# COVID-19 IgM/IgG Antibody Detection Kit

(Colloidal Gold Immunochromatography)

## ■ Catalog#

YXI-CoV-IgM&IgG

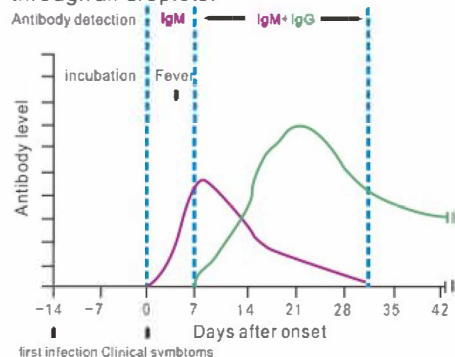
## ■ PRODUCT SPECIFICATIONS

1 test / kit, 10 tests/box.



## Introduction

This kit is suitable for the qualitative detection of COVID-19 by detecting SARS-CoV-2 IgM/IgG antibodies in human serum, plasma, or whole blood. Common signs of infection with SARS-CoV-2 include respiratory symptoms, fever, cough, shortness of breath, and dyspnea. In more severe cases, infection can cause pneumonia, severe acute respiratory syndrome, kidney failure, and even death. SARS-CoV-2 can be excreted through respiratory secretions or transmitted through oral fluids, sneezing, physical contact, and through air droplets.



## Specifications

Sample Volume:  
50µl of Whole or peripheral  
blood or 20µl Serum and  
plasma  
Short detection time:  
10-15 minutes  
Separate Reaction:  
No cross reaction

## Procedure



To stimulate blood flow, massage the finger tip from which blood will be collected.



Use a dropper to suck up about 50 µL of blood



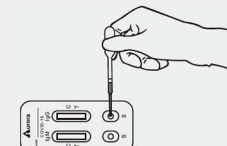
Wipe the finger tip with cotton alcohol towellet and let it dry naturally



Add 50µl of whole blood to the supplied Sample Diluent tube and mix thoroughly



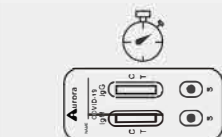
Prick ventral side finger tip with the supplied disposable needle



Place 4 drops diluted sample into each of the two sample holes (S) in the test cassette



Wipe off the first drop of blood with a sterile dry cotton ball



Leave test cassette at room temperature for 10 minutes to observe the results.

## INTERPRETATION OF TEST RESULTS

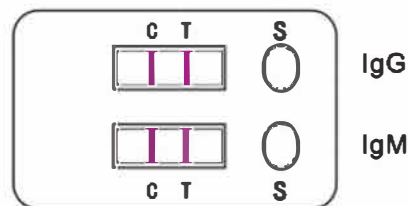
**IgG POSITIVE:** Two lines appear. One coloured line should be in the control line region (C), and a coloured line appears in the IgG test line region. The result is positive for SARS-CoV-2 specific-IgG antibodies.



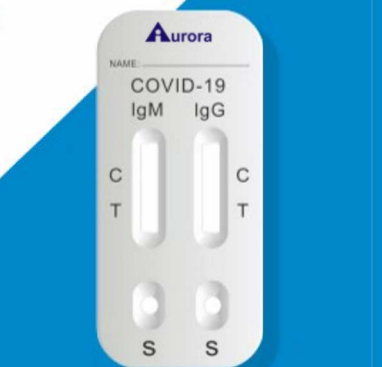
**IgM POSITIVE:** Two lines appear. One coloured line should be in the control line region (C), and a coloured line appears in the IgM test line region. The result is positive for SARS-CoV-2 specific-IgM antibodies.



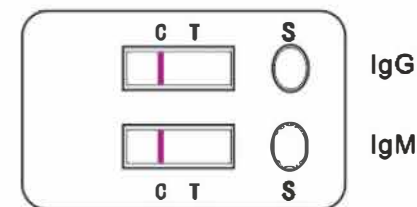
**IgG and IgM POSITIVE:** Both the test line (T) and the quality control line (C) are colored in an IgG cassette and an IgM cassette.



**\*NOTE:** The intensity of the colour in the test line regions will vary depending on the titre of SARS-CoV-2 antibodies present in the specimen. Therefore, any shade of colour in the test line region should be considered positive.



**NEGATIVE:** One coloured line appears in the control region (C). No apparent coloured line appears in the IgG or IgM test region (T).



**INVALID:** Control line fails to appear. Insufficient sample volume or incorrect procedural techniques are the most likely reasons for control line failure. Review the procedure and repeat the test with a new test cassette. If the problem persists, discontinue using the test kit immediately and contact your local distributor.

