

## COVID-19 (Sars-Cov-2) IgG Antibody Test

IgG will be appeared in the body's immune system during infection. IgG antibodies generally appear around 2-4 weeks, maintain a longer time, fade slowly, and the concentration is relatively high. Detection of COVID-19 IgG antibody has the advantages of high sensitivity, strong specificity, and clear identification of previous virus infection. Therefore, detection of novel coronavirus IgG antibody is of great significance in epidemiological investigation.

IgG antibody appears later than IgM antibody, and it reaches the peak in about four weeks. It can be in the body for a long time and it is a sign of previous infection.

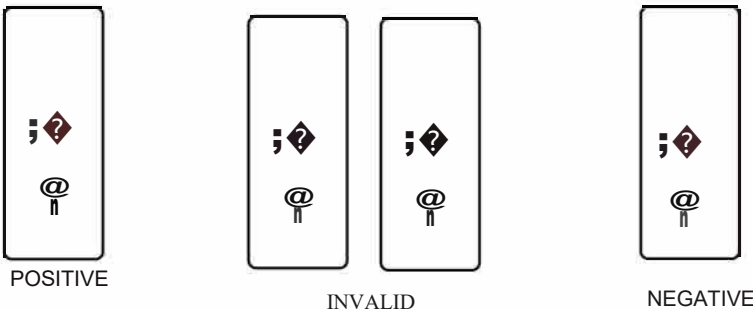
### Test Principle

COVID-19 (SARS-CoV-2) IgG Antibody Test Kit was determined by colloidal gold immunochromatography, for the detection of the antibody in human serum / plasma / whole blood specimens. After dropping, if the COVID-19-IgG antibody is existing in the specimen, it will form a Novel Coronavirus COVID-19 antigen and antibody complex along with the Novel Coronavirus antigen that marked in the gold pad. When the complex migrates to the detection line, it will combined with the anti-human IgG antibody that fixed there to form the Test line. The excess gold markers will combined with the polyclonal antibody that fixed at the control line to form the C line. So if the specimen contains COVID-19 antibody, two visible lines will be appeared. If there was no COVID-19 antibody in the specimen, only one visible line will be formed at the control line.

### Product Features

- 1.The specimen: serum, plasma, whole blood;
- 2.Rapid screening for coronavirus infection within 15 minutes;
- 3.Equipment is not required, suitable for all kinds of field screening;
- 4.Reduce the risk of sampling infection;
- 5.Early diagnosis, early treatment, shorten the course of disease;
- 6.The kit is transported and stored at room temperature;
- 7.Reduce the workload of epidemic situation designated hospitals;

### Interpretation of Result



### Product Information

Item	Specification	Storage
COVID-19 (Sars-CoV-2) IgG Ab Test Kit (Colloidal Gold Immunochromatography Assay)	25/50pcs per box	4-30°C

COVID-19 ( Sars-CoV-2 ) IgG Antibody Test  
(Colloidal Gold Immunochromatography Assay)

COVID-19 ( Sars-CoV-2 ) IgM Antibody Test  
(Colloidal Gold Immunochromatography Assay)

COVID-19 ( Sars-CoV-2 ) IgG/IgM Antibody Test  
(Colloidal Gold Immunochromatography Assay)



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## COVID-19 (Sars-Cov-2) IgM Antibody Test

IgM is the first antibody to appear in the body's immune system during infection.

Detection of novel coronavirus specific IgM antibody in acute infection stage has the advantages of high sensitivity, early diagnosis, and able to determine whether the suspects is infected. Therefore, detection of IgM antibody against novel coronavirus has important clinical significance to effectively control the large-scale spread of novel coronavirus.

IgM antibody will produce after virus infection in a few days, and can be detected as soon as one week and there are differences between individuals, negative result indicates there is no infection or in a very early stage or even in recovery phase.

IgM antibody is the earliest antibody to appear in humoral immunity, and it is a sign of recent infection.

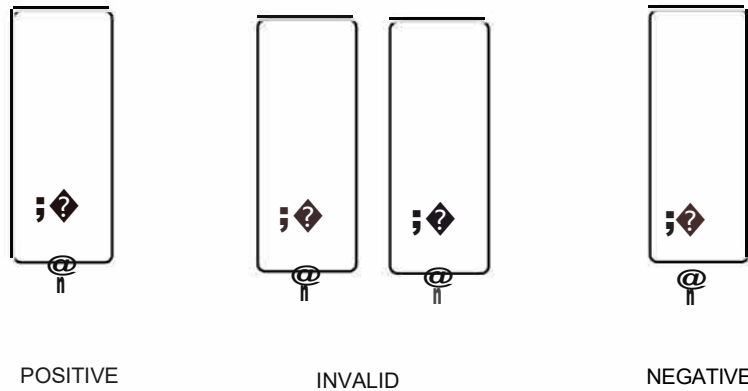
### Test Principle

COVID-19 (Sars-Cov-2) IgM Antibody Test was determined by colloidal gold immunochromatography. For the detection of the antibody in human serum / plasma / whole blood specimens. After dropping, if the COVID-19 IgM antibody is existing in the specimen, it will form a Novel Coronavirus COVID-19 IgM antigen and antibody complexes with the Novel Coronavirus antigen that labeled on the gold pad. When the complexes migrates to the detection line, it will combines to the anti-human IgM antibody that fixed there to form the Test line. The excess gold markers will combines to the polyclonal antibody that fixed at the quality control line to form the C line. So if the specimen contains COVID-19 IgM antibody, two visible lines will appear. If there was no COVID-19 IgM antibody in the specimen, only one visible line formed at the quality control line.

### Product Features

- 1.The specimen: serum, plasma, whole blood;
- 2.Rapid screening for coronavirus infection within 15 minutes;
- 3.Equipment is not required, suitable for all kinds of field screening;
- 4.Reduce the risk of sampling infection;
- 5.Early diagnosis, early treatment, shorten the course of disease;
- 6.The kit is transported and stored at room temperature;
- 7.Reduce the workload of epidemic situation designated hospitals;

### Interpretation of Result

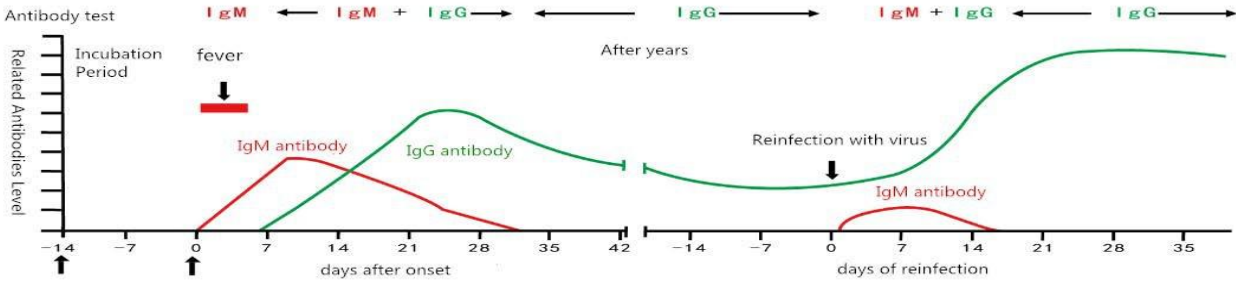


### Product Information

Item	Specification	Storage
COVID-19 (Sars-Cov-2) IgM Ab Test Kit (Colloidal Gold Immunochromatography Assay)	25/50 pcs per box	4-30°C

## COVID-19 (Sars-Cov-2) IgG/IgM Antibody Test

COVID-19 (Sars-Cov-2) IgM/IgG test was determined by colloidal gold immunochromatography. For the detection of the antibodies in human serum, plasma and whole blood specimens. After dropping, if COVID-19 IgM or IgG antibodies are present in the specimen, the antibodies first form COVID-19 IgM/IgG antibody and antigen complexes with the novel coronavirus antigen labeled on the gold pad. When the complex migrates to the detection line, it combines to the anti-human IgM/IgG antibody fixed there to form the detection line, and the excess gold marker binds to the polyclonal antibody at the quality control line to form the quality control line. Therefore, when the specimen contains COVID-19 IgM/IgG antibody, two or three visible lines will appear. When there were no COVID-19 IgM/IgG antibodies in the specimen, only one visible line was formed at the quality control line.



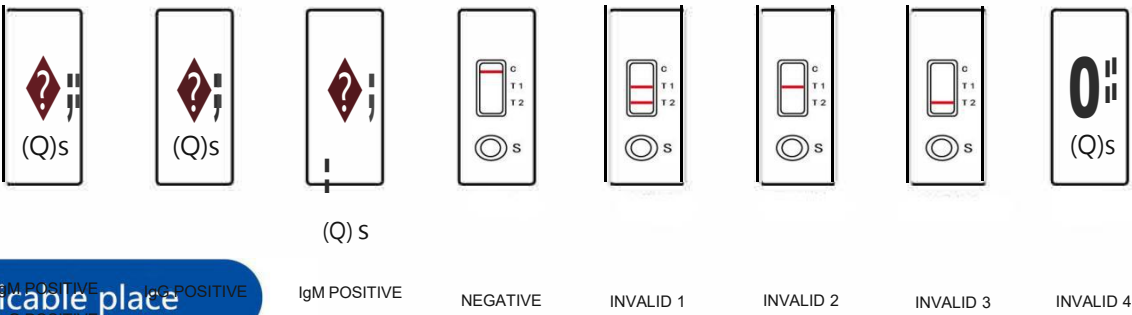
### Test Principle

COVID-19 (Sars-Cov-2) IgM/IgG test was determined by colloidal gold immunochromatography. For the detection of the antibodies in human serum, plasma and whole blood specimens. After dropping, if COVID-19 IgM or IgG antibodies are present in the specimen, the antibodies first form COVID-19 IgM/IgG antibody and antigen complexes with the novel coronavirus antigen labeled on the gold pad. When the complex migrates to the detection line, it combines to the anti-human IgM/IgG antibody fixed there to form the detection line, and the excess gold marker binds to the polyclonal antibody at the quality control line to form the quality control line. Therefore, when the specimen contains COVID-19 IgM/IgG antibody, two or three visible lines will appear. When there were no COVID-19 IgM/IgG antibodies in the specimen, only one visible line was formed at the quality control line.

### Product Features

- 1.The specimen: serum, plasma, whole blood;
- 2.Rapid screening for coronavirus infection within 15 minutes;
- 3.Equipment is not required, suitable for all kinds of field screening;
- 4.Reduce the risk of sampling infection;
- 5.Early diagnosis, early treatment, shorten the course of disease;
- 6.The kit is transported and stored at room temperature;
- 7.Reduce the workload of epidemic situation designated hospitals;

### Interpretation of Result



### Applicable place

- 1.Center for disease control and prevention, outpatient and emergency early screening early diagnosis.
- 2.Primary medical institutions quickly check.
- 3.Back to school screening.
- 4.The government enterprises and institutions return to work screening.

Item	Specification	Storage