

COVID-19 IgM Antibody Rapid Test Kit

Coronavirus (2019-nCoV / SARS-CoV-2)

What is COVID-19?

On December 31, 2019, several cases of pneumonia in Wuhan City, Hubei Province of China were reported to the World Health Organization (WHO). The novel virus, now known as 2019-nCoV (also referred to as SARS-CoV-2), is a member of the beta coronavirus. The WHO has named the disease caused by COVID-19 as coronavirus disease 2019 (COVID-19).

How does COVID-19 spread?

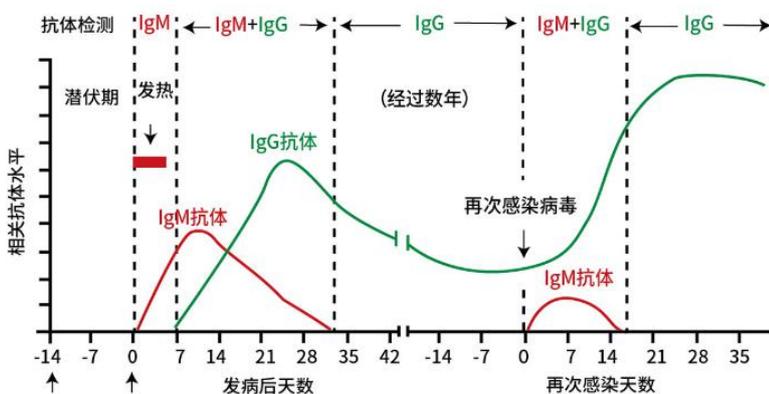
People can catch COVID-19 from others who have the virus. The disease can spread from person to person through small droplets from the nose or mouth which are spread when a person with COVID-19 coughs or exhales.

What are the symptoms of COVID-19?

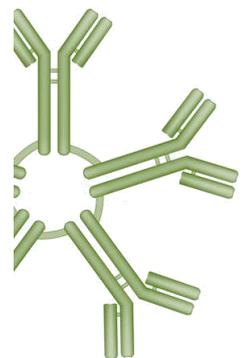
The most common symptoms of COVID-19 are fever, tiredness, and dry cough. Some patients may have aches and pains, nasal congestion, runny nose, sore throat or diarrhea. These symptoms are usually mild and begin gradually. Some people become infected but don't develop any symptoms and don't feel unwell. Most people (about 80%) recover from the disease without needing special treatment. Around 1 out of every 6 people who gets COVID-19 becomes seriously ill and develops difficulty breathing. Older people, and those with underlying medical problems like high blood pressure, heart problems or diabetes, are more likely to develop serious illness.



People with fever, cough and difficulty breathing should seek medical attention.



IgM antibodies are produced by the human body early in a viral infection. IgM antibody levels in COVID-19 patients usually become detectable 3-5 days after the onset of symptoms and resolve within 1 to 2 weeks after recovery. Therefore, IgM antibody elevation can be used as a diagnostic reference in the early stage of 2019-nCoV infection.



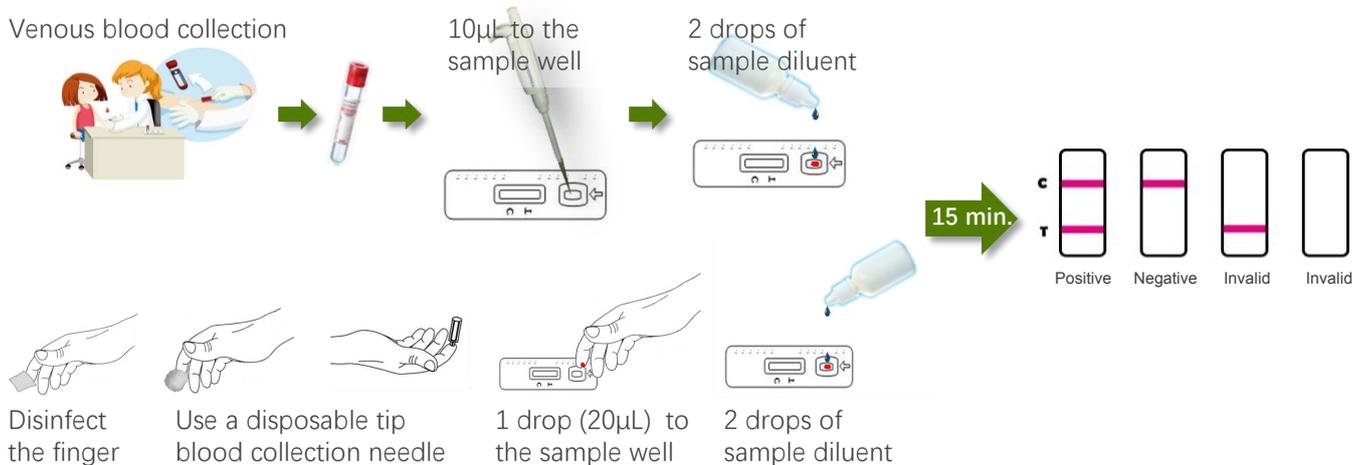
COVID-19 IgM Antibody Rapid Test Kit

Hecin COVID-19 IgM Antibody Rapid Test Kit is an immunochromatographic assay for rapid, qualitative detection of COVID-19 IgM Antibody in human whole blood, serum, plasma and fingertip blood sample. The test is to be used as an aid in the diagnosis of COVID-19, which is caused by 2019-nCoV.



SFDA Number: 国械注准20203400199

Storage	2°C ~ 30°C	Validity	12 months
Specimen	Human whole blood, fingertip blood: 20μL Human serum, plasma: 10μL		
Reaction conditions	Room temperature for 15min.		
Equipment needed	Not necessary		
Pack size	For 50 tests per box		
Components	Test cassette, Sample diluent		



551 clinical case samples which include 310 confirmed case samples and 241 confirmed excluded case samples, were obtained for testing, and then compared the test results between Hecin COVID-19 IgM Antibody Rapid Test Kit and the confirmed case samples.

Reagents	Clinical cases		Total	Sensitivity	Specificity	Total consistent
	Confirmed	Excluded				
Positive	283	4	287	91.29%	98.34%	
Negative	27	237	264			94.37%
Total	310	241	551			



Hecin Scientific, Inc. was established in 2015. We have established our own independent innovation technology platform and the largest domestic enterprise respiratory virus resource database in China.

Hecin focuses on the diagnosis of respiratory infectious diseases of the tract, provides comprehensive and multi-platform solution for respiratory virus diagnostic. Our aim is to protect human respiratory health!

RESPIRATORY DIAGNOSTIC SOLUTION

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