



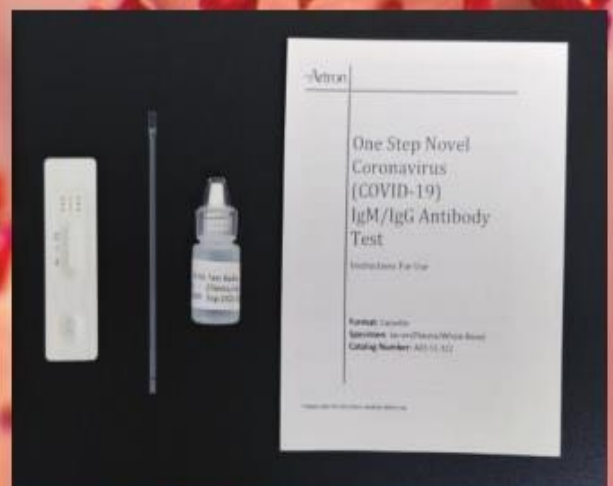
# One Step Novel Coronavirus (COVID-19) IgM/IgG Antibody Test Kit

The pathogen of novel coronavirus pneumonia is the novel coronavirus. WHO has officially named the disease as corona virus diseases 2019 (COVID-19). Due to the increasing market demand of rapid and reliable Coronavirus ( COVID-19) detection solutions, Artron Laboratories inc. introduce you its One Step Novel Coronavirus (COVID-19) IgM/IgG Antibody Test Kit as your one stop infectious diagnostic solution.

With Artron advanced lateral flow immunochemical device and a proprietary antibody mix, these test kits can detect all COVID-19 Antibodies with the convenience, rapid and reliable way.

Items we provide in the package:

- Test Cassette;
- Capillary tube;
- Sample buffer;
- Test instruction.

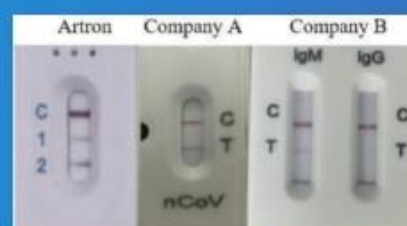


## PRINCIPLE OF THE ASSAY:

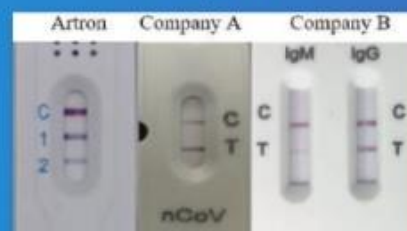
The principle of Artron One Step COVID-19 IgM/IgG Antibody Test is an antibody-capture immunochromatographic assay for the simultaneous detection and differentiation of IgM & IgG antibodies to COVID-19 virus in human serum, plasma, and/or whole blood samples.

## PERFORMANCE:

In a comparison study with other 2 companies, Artron was able to detect the antibodies with stronger signals. While Company A had comparable signal strength, it lacks the differential ability to detect IgM and IgG separately. Company B had weaker signals overall, especially in sample #45 for IgG, where the test line was not readily prevalent compared to the test line that is seen in the other two companies.



Sample # 7



Sample # 45

COVID-19	Disease	
	Disease(+)	Disease(-)
Test(+)	171	12
Test(-)	12	514
Sensitivity	<b>93.4%</b>	
Specificity	<b>97.7%</b>	

◀ In the Performance Evaluation Report, Artron COVID-19 IgM/IgG RDT presents 93.4% sensitivity and 97.7% specificity.

Contact Us Today at:

