



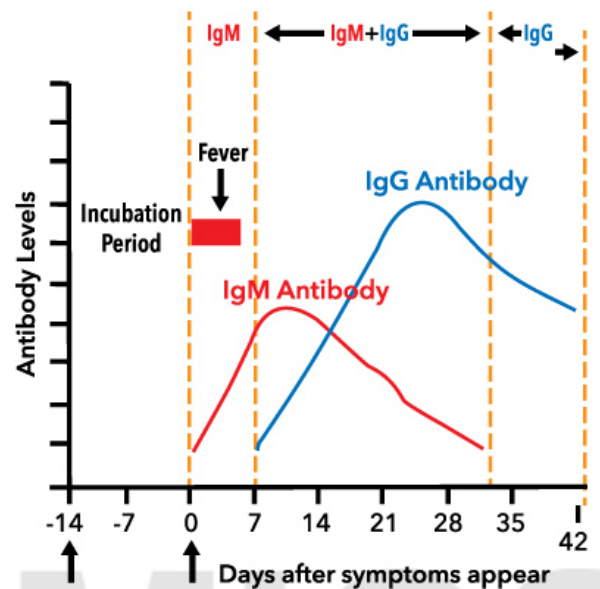
**COVID-19**

**A Rapid IgM-IgG  
Combined Antibody Test  
Kit for SARS-CoV-2 (ICA )**



## ACCURATE COVID-19 INFECTION DIAGNOSIS IN 15 MINUTES

It is widely accepted that IgM provides the first line of defense during viral infections, followed by the generation of adaptive, high affinity IgG responses for long term immunity and immunological memory. Therefore testing of COVID-19 IgM and IgG antibodies is an effective method for the rapid diagnosis of SARS-CoV-2 infection. Furthermore, detection of COVID-19 IgM antibodies tends to indicate a recent exposure to COVID-19, whereas detection of COVID-19 IgG antibodies indicates a later stage of infection. Thus, this combined antibody test could provide information on the stage of infection as well.



## ADVANTAGES

- Easy to use
- Can be used to test whole blood, serum and plasma
- 4 simple steps
- Results in 15 min
- Tests for 2 antibodies
- Easy to read results
- No equipment needed
- No sample transport Required

## 4 SIMPLE STEPS

### STEP 1



Extract  
blood sample

### STEP 2



Add sample to  
sample port

### STEP 3



Add 2-3 drops of  
buffer solution  
to sample port

### STEP 4

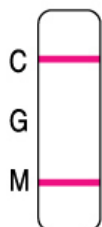


Read results in  
15 minutes

## EASY TO READ RESULTS



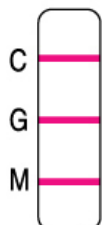
Negative



IgM  
positive



IgG  
positive



IgM/IgG  
positive

## COMPARISON WITH PCR NUCLEIC ACID TEST

	PCR Nucleic Acid Tests IgM	IgM / IgG Combined Test
Turnaround time	>1 hour	15 min
Facility Requirement	PCR Laboratory	None
Operation	<ul style="list-style-type: none"> <li>• Requires technicians</li> <li>• Expensive equipment</li> <li>• Complicated operation</li> <li>• Prone to false negative</li> </ul>	<ul style="list-style-type: none"> <li>• Whole blood, serum and plasma can be used</li> <li>• Easy operation</li> <li>• Test anywhere, any time</li> <li>• Easy-to-read results</li> </ul>
Transport/Storage	Freezing condition	Room Temperature
Clinical Value	Commonly used standard	High specificity, real-time monitoring

## CERTIFICATION AND INFORMATION

## Medomics

BioMedomics

