



# CORONAVIRUS TESTING EXPLAINED



## TEST TYPES

### ANTIBODY TESTING

#### Use Cases

- Serological Testing and Instant Screening

#### Result wait time

- Instant: 10 Minutes

#### Sample Collection

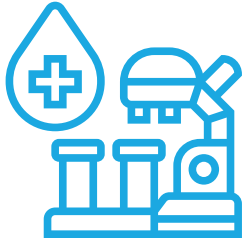
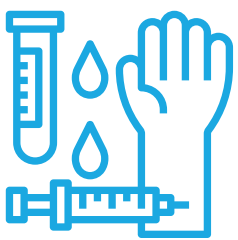
- Serum, Plasma or Whole Blood

#### Method of detection

- Presence of Antibodies in Blood Sample

[www.statnews.com](http://www.statnews.com)

[www.sciencemag.org](http://www.sciencemag.org)



### PCR TESTING

#### Use Cases

- Gold Standard for Point of Care Diagnostic

#### Result Wait Time

- Instant: 5-45 Minutes
- Lab: 1-10 Days

#### Sample Collection

- Nasal Swab

#### Method of Detection

- Partial Genetic Markers of the Virus

#### Downsides

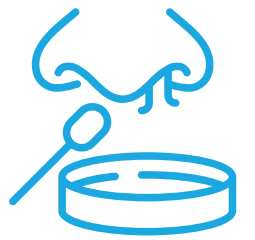
- Requires Expensive PCR Machine

[www.statnews.com](http://www.statnews.com)

[www.cnn.com](http://www.cnn.com)

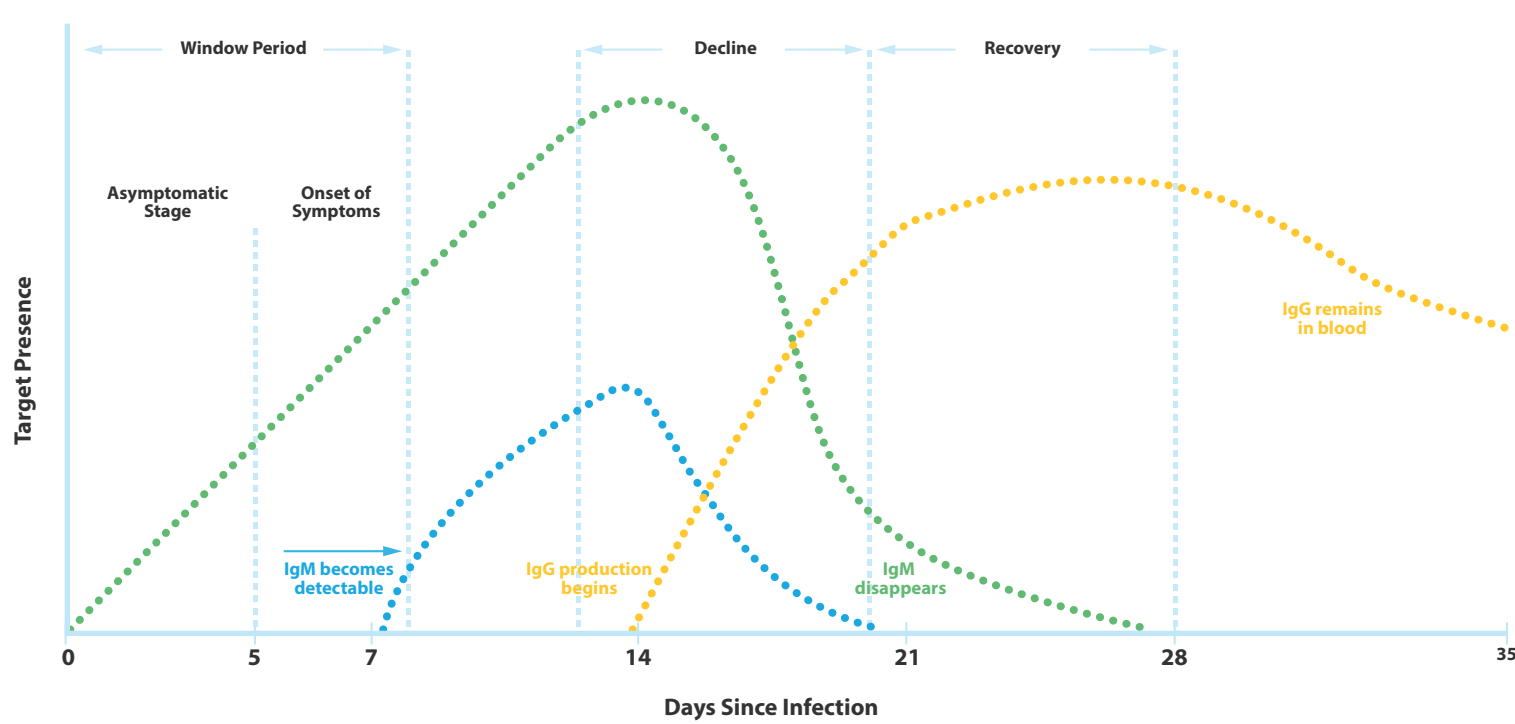
[www.wired.com](http://www.wired.com)

[www.time.com](http://www.time.com)



## CORONAVIRUS ANTIBODIES

### COVID-19 STAGES, TARGET TIMELINES AND CLINICAL

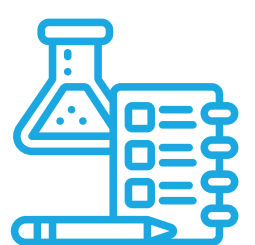


- SARS-CoV-2 RNA
- IgM Antibody
- IgG Antibody

#### DISCLAIMER:

This is for information purposes only. Detection windows will vary from person to person.

Test Results			Clinical Significance
RNA	IgM	IgG	
+	-	-	Patient may be in the window period of the infection
+	+	-	Patient may be in the early stage of infection
+	+	+	Patient is in the active phase of infection
+	-	+	Patient may be in the late or recurrent stage of infection
-	-	+	Patient may have had a past infection, and has recovered



### DIFFERENCE BETWEEN IGG AND IGM

#### IgM Only

- Patient Is Fighting Infection

Immunoglobulin M (IgM), which is found mainly in the blood and lymph fluid, is the first antibody to be made by the body to fight a new infection.

#### IgG Only

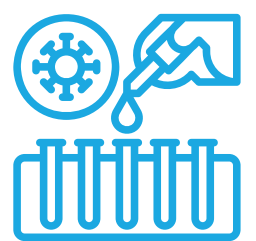
- Patient Has Recovered

Immunoglobulin G (IgG), the most abundant type of antibody, is found in all body fluids and protects against bacterial and viral infections.

#### Both

- Patient is still fighting infection

[kidshealth.org](http://kidshealth.org)



## COVID-19 "CORONAVIRUS" IGG/IGM RAPID TEST KIT

#### Detection Window

- IgM may appear in blood within 3-5 days. IgG will appear as soon as 1-2 weeks

#### Sample

- Test can work with whole blood, plasma and serum samples

#### Storage

- The kit can be stored at room temperature or refrigerated (2-30°C)

#### Shelf Life

- 24 months from manufacture date

More information, such as the product insert, clinical trial results, and CE documentation is available at request.

To request more information about our Rapid Coronavirus (Covid-19) test kit-such visit:

[www.confirmbiosciences.com/covid19-instant-coronavirus-test-kit](http://www.confirmbiosciences.com/covid19-instant-coronavirus-test-kit)



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