

Patient Name : Demo Patient Name
Age / Sex : 40 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 14-Jan-25 16:22
Patient ID : UHID.DEMO.001

Covid-19 IgG Quantitative

Serum Sample

Accession No: DEMO_BARCODE Collected On: 14-Jan-25 16:22 Received On: 14-Jan-25 19:35 Approved On: 15-Jan-25 12:37

Observation	Result	Unit	Biological Ref. Interval	Method
Anti-SARS-CoV-2 IgG Quantitative	97.1	BAU/mL		CLIA

Biological Reference Interval:

Numerical Result (BAU/mL*)	Results	Total Result Interpretation
<17.8	Non-reactive (Negative)	IgG Antibodies for SARS-CoV-2 are NOT detected
≥17.8	Reactive (Positive)	
>200.00	Reactive (Positive); Result above ULMI**	IgG Antibodies for SARS-CoV-2 are detected

* - BAU/mL - Binding Antibody Units/mL

** - ULMI - Upper Limit of Measuring Interval

Test Interpretation: The Anti-SARS-CoV-2 IgG test is intended for use as an aid in identifying individuals with an adaptive immune response to SARS-CoV-2, indicating recent or prior infection. The Anti-SARS-CoV-2 IgG test **should not be used** to diagnose acute SARS-CoV-2 infection. Results are for the detection of SARS-CoV-2 antibodies. IgG antibodies to SARS-CoV-2 are generally detectable in blood several days after initial infection, although the duration of time antibodies are present post-infection is not well characterized. Individuals may have detectable virus present for several weeks following seroconversion.

Reactive Result:

- A Reactive test result indicates that IgG antibodies to SARS-CoV-2 were detected, and you are likely to have or previously had COVID-19 and that you have developed an antibody response to the virus.
- The referring doctor/healthcare provider will work with you to determine how best to care for you based on the test results along with other factors of your medical history, including any previous symptoms, possible exposure to COVID-19, and the location of places you have recently traveled.

Non-Reactive Result:

- A Non-Reactive test result means that the IgG antibodies to the virus that causes COVID-19 were not found in your sample.
- However, it is possible for this test to give a Non-Reactive result that is incorrect (false Non-Reactive) in some people with COVID-19 infection. A False Non-Reactive result may occur if you are tested early in your illness and your body hasn't had time to produce IgG antibodies to infection. This means that you could possibly still have COVID-19 even though the test is Non-Reactive. If this is the case, your doctor/healthcare provider will consider the test result together with all other aspects of your medical history (such as symptoms, possible exposures, and geographical location of places you have recently traveled) in deciding how to care for you.
- It is important that you work with your doctor/healthcare provider to help you understand the next steps you should take.

According to ICMR Advisory Dated 23-June-2020

IgG antibodies generally start appearing after two weeks of onset of infection, once the individual has recovered after infection and last for several months. Therefore, the IgG test is not useful for detecting acute infection. However, detection of IgG antibodies for SARS-CoV-2 may be useful in the following situations:

- Serosurveys to understand the proportion of population exposed to infection with SARS-CoV-2 including asymptomatic individuals. Depending upon the level of seroprevalence of infection, appropriate public health interventions can be planned and implemented for prevention and control of the disease. Periodic serosurveys are useful to guide the policy makers.
- Survey in high risk or vulnerable populations (health care workers, frontline workers, immunocompromised individuals, individuals in containment zones etc) to know who has been infected in the past and has now recovered.

Test Performed on VITROS 5600 System using Anti-SARS-CoV-2 IgG Quantitative Reagent Pack ([US-FDA EUA Approved](#)).

Advise: Please correlate results clinically.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

