

SEROLOGY

BLOOD - SERUM

Result

Range

Units

COVID-19 S-Protein Total Antibody

>2500 *H < 0.8

units/mL



SEROLOGY COMMENTS

COMMENTS:

SARS-CoV-2 is an enveloped, single-stranded RNA virus of the family Coronaviridae and the causative agent of Coronavirus Disease 2019. After infection, or vaccination, there is a host response against the virus, including the production of specific antibodies. Virus Nucleocapsid (N-protein) and Spike (S-Protein) proteins are recognised structural components of the virus that can be assessed.

Antibodies can be detected as early as day 5 after symptom onset, with a median seroconversion observed at day 10-14 and maximum levels reported at 2-6 weeks.

INTERPRETATION:

COVID-19 Spike (S) protein antibodies (Total)

< 0.8 U/mL Negative- Non-reactive: Negative for anti-SARS-CoV-2 antibodies.

> 0.8 U/mL POSITIVE- Reactive: Positive for anti-SARS-CoV-2 antibodies

A positive serology result indicates that a person has been exposed to the SARS-CoV-2 virus or has been vaccinated against the virus. It is possible that the person has a current infection and is potentially infectious. In a symptomatic person, a positive result may be sufficient to presume infection with COVID-19 but this should be confirmed. Definite COVID 19 diagnosis continues to be direct detection of SARS CoV 2 RNA by PCR technology.

A Negative result does not completely exclude the possibility of infection. If clinical symptoms are present, a PCR test is recommended.

For further information about this report, please contact NutriPATH on 1300 688 522.

Dr N. Maheshwari
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Tests ordered: COVigG

(*) Result outside normal reference range

(H) Result is above upper limit of reference range