

SARS CoV2 (Coronavirus 19) IgG ANTIBODY

The SARS Co-V2 IgG Antibody test is used to determine if you have been exposed to Coronavirus (COVID-19).

- If antibodies are detected (Positive result) – you may be actively infected or previously exposed to COVID-19.
- If antibodies are NOT detected (Negative result) – you most likely have not been exposed to COVID-19.

COVID-19 is caused by the SARS-CoV-2 virus and is a new strain that was discovered in 2019 in Wuhan, China.

COVID-19 is caused by infection from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2 virus). Common signs of infection include respiratory symptoms, fever, cough, shortness of breath and breathing difficulties. In more severe cases, infection can cause pneumonia, severe acute respiratory syndrome, kidney failure and even death.

What should I do with my results?

If you tested positive for COVID-19 or you suspected that you had COVID-19 it is important to note that it takes a period of time after symptom onset for IgG to reach detectable levels. According to the CDC, it typically takes one to two weeks after someone becomes sick with COVID-19 for their body to make antibodies; some people may take longer to develop antibodies. Depending on when someone was infected and the timing of the test, the test may not find antibodies in someone with a current COVID-19 infection.

It is always recommended that you meet with a doctor to determine what your laboratory test results mean to you. Your doctor will review all your test results and, combined with your health history, he or she will be able to provide an accurate picture of your health status and determine appropriate steps.

If your result was:

POSITIVE: A positive result means that antibodies for the SARS-CoV2 (COVID-19) virus were detected. A positive result is either due to a current infection or past infection. Based on your signs and symptoms, your doctor will help you determine if you need to self-isolate to help prevent the spread of a current infection. There is also a small chance that a wrong result (false positive) has occurred.

Sources of information: Fact Sheet for Patients, qSARS-CoV-2 IgG/IgM Rapid Test – Cellex, 4/2020; Aytu BioScience, Inc., COVID-19 IgG/IgM Fact Sheet, 3/2020; Abbott SARS-CoV-2 IgG Insert for Use with Architect, 4/2020; <https://www.cdc.gov/coronavirus/2019-ncov/lab/serology-testing.html>.

NEGATIVE: A negative result means no antibodies to the SARS-CoV2 (COVID-19) virus were detected. However, it is possible for a negative result to occur if you are early on in your illness and your body has not had adequate time to produce antibodies. This means you could still have the infection even though your test is negative. There is also a small chance that a wrong result (false negative) has occurred.

If I do not have a regular doctor, where can I find one?

The best information will come from your doctor. However, if you do not have a doctor, we recommend the following resources to locate one:

- **Premier Health Find a Doctor**
(937) 684-4155 or 1-855-PREMIER
www.Premierhealth.com/find-a-doctor
- **WebMD Care**
www.doctor.webmd.com

Test Information

This test has received Emergency Use Authorization by the FDA.

- Negative results do not rule out SARS-CoV-2 infection, particularly in those who have been in contact with the virus. Follow-up testing with a molecular diagnostic should be considered to rule out infection in these individuals.
- Results from antibody testing should not be used as the sole basis to diagnose or exclude SARS-CoV-2 infection or to inform infection status.

The results of this test will be reported to the appropriate state Department of Health where the patient resides in accordance with Infectious Disease Reporting Guidelines.

Additional Resources

CDC COVID-19: <https://www.cdc.gov/COVID19>

FDA: <https://www.fda.gov/media/137382/download>

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CompuNet DIRECT is direct access, preventative testing intended for education purposes. A CompuNet DIRECT lab test result is not a medical diagnosis and is not intended as a form of medical advice. Only a physician can interpret lab tests results and diagnose a medical condition or disease.

Because tests have not been ordered by a physician, third party entities, including Medicare and Medicaid, will not reimburse for these tests. **This test does not qualify for free testing under the CARES ACT of 2020.**