



PHG Update: May 26, 2021

Dear Valued Providers:

We want to be a resource to our Premier Health Group Independent providers. As the pandemic has begun to slow, we will continue to provide clinical and operational updates as they become available to support the provider community, but not as frequently as we had before.

We want to ensure the brief continues to bring our providers helpful and useful information. To this end, we will release a new provider brief every other month moving forward, unless communication becomes available more frequently that we feel is vital to share with you.

In addition, we have created a resources page on the [PHG website](#).

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Please feel free to contact us directly at (937) 499-7441 if you have any questions.

Yours sincerely,

*Matt*

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## SARS CoV2 (COVID-19) Antibody Vaccine Test

CompuNet Clinical Laboratories has created the below frequently asked questions to help providers better understand the new vaccine antibody test. We hope this helps bring some additional clarification to this test.

### What does this test do?

The Abbott SARS Co-V2 IgG Vaccine Antibody - Vaccine Test is a serologic blood test that detects antibodies to the spike protein of the COVID virus. Which means, the test can detect antibodies produced in response to the COVID vaccine and/or from a past infection.

### How does this test work with a vaccine?

The vaccines that are currently available in the United States produce an immune response to the COVID spike protein. The test can help with indicating an immune response resulting from either the COVID vaccination or a prior COVID infection. The test will not distinguish the difference between an immune response to past infection or COVID vaccination.



**If a patient desire to be tested, when should a sample be collected?**

It is recommended that testing occurs 4 weeks after the second dose of Pfizer or Moderna Vaccine or 4 weeks after the single dose Johnson and Johnson/Janssen Vaccine.

**If the patient tests positive for antibodies, does this mean they have immunity against COVID?**

A positive result does not necessarily indicate immunity or protection from infection. It is unknown how long antibodies persist following infection and if the presence of antibodies confers protective immunity. (<https://www.fda.gov/medical-devices/coronavirus-covid-19-and-medical-devices/serologyantibody-tests-faqs-testing-sars-cov-2>).

**What does a positive result mean?**

If the patient's result is positive, it means that the test has detected COVID-19 antibodies. This test cannot guarantee a specific degree of immunity or protection from future infection.

**What does a negative result mean?**

If the patient tested negative, this means that COVID-19 antibodies, from either a past COVID infection or from a COVID vaccination, were not detected. Per the manufacturer of the test and the FDA, the meaning of a negative antibody result for individuals that have received a COVID-19 vaccine is unknown. In a recent letter to the editor in JAMA, only 17% of patients who received solid organ transplant and who have been receiving immune suppressant therapy, have developed antibodies. The CDC has also referenced that it is unsure of the vaccine response in patients with weakened immune systems, including people who take immunosuppressive medications.

**Does this test have FDA authorization?**

This test has received Emergency Use Authorization by the FDA. 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.



Premier Health Group