

Coronavirus (COVID-19) Vaccine-Generated Antibody Test

Vaccines train our immune systems to create proteins that fight disease, known as ‘antibodies’, just as would happen when we are exposed to a disease but – crucially – vaccines work without making us sick. Vaccines to the COVID-19 virus have focused on a crucial and specific region of the vaccine known as the Spike protein, which is what the virus uses to connect with and enter the human body.

This test identifies the Spike protein in your blood as evidence of that antibodies have been created by the vaccine.

DESCRIPTION:

Through mRNA, these vaccines train the immune system to recognize and prevent the virus’ use of the Spike protein.

This spike protein antibody test can be used to determine if your body has developed antibodies from the vaccine. It takes from 14-21 days after the second vaccine to see results but everyone is unique, and each immune system can develop at different rates. If a negative response is seen, a second test taken 2-3 weeks later will allow for additional time for the antibodies to develop. A positive Spike Protein antibody test is not an absolute guarantee of total immunity from COVID-19. Additional testing, including PCR or Antigen tests, may still be necessary in some situations (i.e. return to work, travel, etc.)

FAQs:

WHY DO I NEED THIS TEST?

Antibodies specific to the Spike protein demonstrate a positive reaction to the vaccine, and provide an idea of a certain level of immunity or protection. Presence of Spike protein antibodies is not a guarantee of total immunity, but studies have demonstrated that these antibodies do apparently provide some form of protection against COVID-19, and in certain demographics have been shown to drastically reduce risk of severe disease related to the virus. The test can use many names for the Spike protein, including S1/S2, RBD-protein, and others.

CAN I GET THE TEST IF I PREVIOUSLY WAS INFECTED WITH COVID-19?

While the Spike protein specific antibodies will most likely show a level of immune

response, a more appropriate antibody test would include other parts of the virus. These tests are also available, and are more tailored to identifying a previous exposure/infection.

CAN I GET THIS TEST IF I AM CURRENTLY SICK/INFECTED WITH COVID-19?

Antibody tests are used to demonstrate an immune response *after* infection. Current or active infections, even if just suspected, are better tested through a molecular (i.e. PCR) or Antigen test. It is also recommended you speak with your medical provider for recommendations regarding quarantine, isolation and/or possible additional testing or treatments.

WILL THIS TEST ALLOW ME TO TRAVEL?

Antibody testing is not approved or accepted for travel by US or international destinations. Please verify travel requirements with your destination's local requirements and/or with the airlines.

AM I REQUIRED TO FAST?

No fasting is needed for the test.

WHAT IS REQUIRED FOR THE SAMPLE?

It is a simple venous blood draw will provide everything needed for the laboratory to run the test.

IS A DOCTOR'S ORDER REQUIRED?

No. You do not need to provide a doctor's order to get lab testing done at Any Lab Test Now.

IF I HAVE QUESTIONS ABOUT MY TESTS RESULTS WHO SHOULD I CONTACT?

We recommend you share your results with your physician.

WRITTEN BY:

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