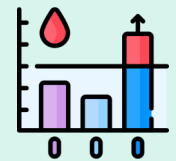


Thank you for providing a blood sample for the VIVALDI study. The blood samples that you have provided are tested to look for antibodies. Antibodies are specific proteins that are produced by your body and help to fight infection. We will carry out TWO types of antibody tests to check if your body has produced antibodies in response to: COVID-19 infection and COVID-19 vaccination.

You will receive a message with TWO test results when your blood sample has been processed. The information below will help you understand what your test results mean.

POSITIVE ANTIBODY TESTS

A positive antibody test means the test has detected high levels of antibodies (above a certain amount) in your blood. It does **NOT** mean you are currently infected with COVID-19.



Nucleocapsid Antibody Test

Your test result message says:

VIVALDI Antibody result: SARS-CoV-2 (COVID-19) Nucleocapsid antibody POSITIVE

The nucleocapsid antibody test detects antibodies that are produced by the immune system in response to COVID-19. If you have a positive test result, you have been infected with COVID-19 at some point in the past. A positive test suggests that the infection happened weeks to months in the past.



Spike Antibody Test

Your test result message says:

VIVALDI Antibody result: SARS-CoV-2 (COVID-19) Spike antibody POSITIVE

The spike antibody test detects antibodies that are produced by the immune system in response to COVID-19 infection AND antibodies that develop after receiving the COVID-19 vaccination. If you have a positive test result, you have been recently infected with COVID-19, OR you have made antibodies as a response to a recent COVID-19 vaccination. A positive test suggests that the infection or vaccination happened recently.

How do I know if I am currently infected with COVID-19?

The antibody test does **NOT** tell you if you currently have COVID-19. If you think you are currently infected with the virus, you should follow the latest guidelines on testing for COVID-19.



Does a positive antibody test result mean that I am protected against infection?

A positive test suggests that you might have some protection against infection, although it cannot tell us anything about whether or not you are infectious. We still don't know how much and for how long antibodies can protect you from getting sick and from spreading the virus in the future.

Do I still need to follow government guidance/ get vaccinated if I have a positive antibody test result?

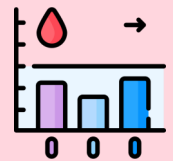
YES, regardless of your antibody test result you should continue to follow the latest guidelines on social distancing and keep up to date with vaccinations, to protect yourself and others from the virus.

Thank you for providing a blood sample for the VIVALDI study. The blood samples that you have provided are tested to look for antibodies. Antibodies are specific proteins that are produced by your body and help to fight infection. We will carry out TWO types of antibody tests to check if your body has produced antibodies in response to: COVID-19 infection and COVID-19 vaccination.

You will receive a message with TWO test results when your blood sample has been processed. The information below will help you understand what your test results mean.

NEGATIVE ANTIBODY TESTS

A negative antibody test means the test has not detected high levels of antibodies in your blood. The test will only pick up high levels of antibodies (above a certain amount). It does **NOT** mean that your body has not produced antibodies.



Nucleocapsid Antibody Test

Your test result message says:

VIVALDI Antibody result: SARS-CoV-2 (COVID-19) Nucleocapsid antibody NEGATIVE

The nucleocapsid antibody test detects antibodies that are produced by the immune system in response to COVID-19. If you have a negative test result, this means that high levels of antibodies to COVID-19 were **NOT** found in your blood. A negative result may also occur if you tested early in your illness and your body hasn't had time to produce antibodies.



Spike Antibody Test

Your test result message says:

VIVALDI Antibody result: SARS-CoV-2 (COVID-19) Spike antibody NEGATIVE

The spike antibody test detects antibodies that are produced by the immune system in response to COVID-19 infection AND antibodies that develop after receiving the COVID-19 vaccination. If you have a negative test result, this means that high levels of antibodies to COVID-19 infection or to the vaccine were **NOT** found in your blood. A negative result may also occur if you are tested early in your illness or shortly after vaccination and your body hasn't had time to produce antibodies.

I am vaccinated or I know I have been infected with COVID-19 before, why is my antibody test negative?

Not everyone who has had COVID-19 in the past or has been vaccinated will have a positive antibody test. Here are some reasons why that might be:



- **It takes time for antibodies to develop** - it could be that your body has not developed enough antibodies to meet the threshold at which the test registers a positive antibody response.
- **Levels of antibodies can change over time** - it could be that your antibody levels have dropped since you were last vaccinated/ infected with the virus.
- **Antibodies are not the only way that the body fights infection** - the immune response is made up of many parts and the antibodies that we are measuring are just one of those parts; e.g., T cells are another part of the body's response to infection and if we measured these, it is likely that you would have them.