

COVID-19 TESTS WHEN YOU NEED THEM

Abbott is creating tests to help detect the SARS-CoV-2 virus and better understand the spread of COVID-19

Whether you were recently infected with the virus or have recovered from an exposure, our tests span the COVID-19 infection. The more we know about who is infected and who has recovered, the more steps we can take to curb the pandemic and return to a new normal.

THE INFECTION CYCLE OF A VIRUS



TIME SINCE INFECTION

VIRAL RNA

EARLY INFECTION PHASE

APPROXIMATELY 0-14 DAYS AFTER INFECTION

When the virus enters your body, it starts multiplying, and you may or may not have symptoms.



VIRAL RNA

As the virus multiplies, levels of its molecular genetic material (RNA) rise, peak around 1 week, then fall off around 2 weeks.



RealTime System







MOLECULAR TESTS

Molecular tests detect and amplify viral RNA. The m2000 RealTime System and Alinity m can be found in labs that run patient samples, the ID NOW rapid test is portable. Molecular tests are usually administered via a nasal or throat swab.

ANTIGEN

MID-INFECTION PHASE

APPROXIMATELY 2-14 DAYS AFTER INFECTION

As the virus multiplies, the body begins to react to the viral antigens, possibly resulting in symptoms.



ANTIGEN

Levels of antigens (e.g., the virus's spike-like proteins) rise, peak, then fall off around 2 weeks.



ANTIGEN TESTS

Abbott is evaluating a potential antigen test for the future.

IgM ANTIBODY

LATER TO END INFECTION PHASE

APPROXIMATELY 1-8 WEEKS AFTER INFECTION

As your body starts to fight off infection, your immune system produces IgM antibodies.



IgM ANTIBODY

IgM antibodies generally appear several days after symptoms begin and can last 1–8 weeks.



SEROLOGY IgM TESTS

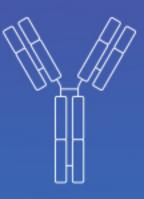
Abbott is evaluating a potential IgM antibody test for the future.

IgG ANTIBODY

POST-INFECTION PHASE

APPROXIMATELY WEEKS TO MONTHS AFTER INFECTION

As your body continues to fight off infection, it produces fewer IgM antibodies and more longlasting IgG antibodies.



IgG ANTIBODY

IgG antibodies generally appear later than IgM antibodies.





i1000SR and i2000SR

Alinity i

SEROLOGY IgG TESTS

Serology IgG tests can be run on larger testing instruments, such as the ARCHITECT and Alinity i, or rapid portable tests. Serology IgG tests are administered using a blood sample.

Disclaimers: Time periods listed for each phase of infection are general estimates and not indicative of a person's immune reaction to SARS-CoV-2. These tests have not been FDA cleared or approved. These tests have been authorized by FDA under EUAs for use by authorized laboratories and have been authorized only for the detection of nucleic acid from SARS-CoV-2 or detection of IgG antibodies against SARS-CoV-2, and not for any other viruses or pathogens. These tests are only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of in vitro diagnostic tests for detection and/or diagnosis of COVID-19 under Section 564(b)(1) of the Act, 21 U.S.C. § 360bbb-3(b)(1), unless the authorization is terminated or revoked sooner.