

Date: 04/20/2021

From: Jacqueline A. Hubbard, PhD, Robert D. Nerenz, PhD, and Mark A. Cervinski, PhD
Medical Directors of Clinical Chemistry

RE: SARS-CoV-2 spike antibody testing

SARS-CoV-2 (COVID-19) spike antibody testing will be performed in the DHMC clinical laboratory beginning Tuesday, April 20, 2021 using eDH test code LAB4269 (COVID-19 Spike Antibody).

This test will detect antibodies made against SARS-CoV-2 due to vaccination or a previous infection. To detect antibodies due to a previous infection only, LAB4238 (COVID-19 Nucleocapsid Antibody) should be ordered.

When this test is ordered in Epic, the following prompt will appear:

COVID - 19 Antibody Testing ✔ Accept

To detect antibodies made against SARS-CoV-2 due to vaccination or a previous infection, order **LAB4269 COVID-19 Spike Antibody**.

To detect antibodies made against SARS-CoV-2 due to a **previous infection only**, order **LAB4238 COVID-19 Nucleocapsid Antibody**. This will not detect antibodies made against the spike protein due to vaccination.

COVID-19 Spike Antibody ■

COVID-19 Nucleocapsid Antibody ■

One or both of these tests may be ordered using the panel order numbers o287224 (inpatient locations) or o287225 (ambulatory locations).

This should not be considered a diagnostic test. In typical SARS-CoV-2 infection, antibodies are not detectable until at least 2-4 weeks after the onset of symptoms.

The preferred specimen type is lithium heparin plasma (green top tube). Testing will be available seven days a week with an expected turnaround time of four hours. A “Detected” result is not considered a critical value, ordering physicians will not be notified via phone.

For questions concerning this memo, please contact Dr. Hubbard at (603) 650-7171 or Jacqueline.A.Hubbard@hitchcock.org