



# COVID-19 Antibody Testing Now Available

- Blood test detects IgG Antibodies
- 24 hour turnaround from sample receipt

## AccessDx COVID-19 Antibody Testing

The AccessDX COVID-19 Antibody test is designed to identify the presence of IgG antibodies from a patient's blood sample. This type of testing helps to identify those who have had previous exposure to the virus, even if that individual has been previously asymptomatic.

The IgG antibody to SARS-CoV-2 is a protein that the body produces in the late stages of infection and may remain for months and possibly years after a person has recovered. Detecting these IgG antibodies will help determine if a person was previously infected with the virus that causes COVID-19. This test is available pursuant to the FDA's emergency use authorization (EUA) outlined for COVID-19 diagnostic tests.

## How it Works

- 1) A healthcare provider takes a blood sample.
- 2) The sample is sent to the lab and loaded onto specialty equipment
- 3) Results are provided within 24 hours, and often same day as the specimen receipt.
- 4) Results are provided to the healthcare provider/patient through a secure portal

## Why IgG Testing?

IgG production can be detected in as little as five days infection and persists much longer with higher specificity than IgM testing.

The test utilized by AccessDx currently provides a 100% positive antibody detection rate (95% CI) for patients that are 14 days from the onset of symptoms, and a 91% positive antibody detection rate between 8-13 days from the onset of symptoms.

## Diagnostic test notes

- This test requires a clinical blood draw procedure. It is currently not available for individual/self-administration use. Non-clinical organizations looking to incorporate antibody testing shall coordinate with local resources or the AccessDx customer success team on collection procedures.

- Results should be used with other data and clinical impressions to assess a patient's current infection status.

## AccessDx COVID-19 Antibody Fast Facts

**Methodology:** Qualitative 2-step chemiluminescent microparticle immunoassay (CMIA)

**Equipment:** Abbott Laboratories

**Collection Process:** 1 SST, clot 30 minutes prior to spin, spin @ 2500-3000 RPM for 15 mins

**Turnaround Time:** 24 business hours from lab receipt

**Lab Throughput:** 1,800/day, increasing weekly

**Reimbursement:** Yes - varies

**Collection Options:** Requires clinical blood draw

**Kit:** Standard blood collection materials can be used and shipped to AccessDx.

**Cold Chain:** Not required for samples up to 48 hours from draw to lab receipt. Refrigerated samples w/ cold pack up to 7 days

