

SARS-CoV-2 Serology (COVID-19) Antibody (IgG), Immunoassay

Test Code

39504

CPT Code(s)

86769

Clinical Significance

SARS-CoV-2 Serology (COVID-19) Antibody (IgG), Immunoassay - Detection IgG antibodies may indicate exposure to SARS-CoV-2 (COVID-19). It usually takes at least 10 days after symptom onset for IgG to reach detectable levels. An IgG positive result may suggest an immune response to a primary infection with SARS-CoV-2, but the relationship between IgG positivity and immunity to SARS-CoV-2 has not yet been firmly established.

Antibody tests have not been shown to definitively diagnose or exclude SARS-CoV-2 infection. Positive results could also be due to past or present infection with non-SARS-CoV-2 coronavirus strains, such as coronavirus HKU1, NL63, OC43, or 229E. Diagnosis of COVID-19 is made by detection of SARS-CoV-2 RNA by molecular testing methods, consistent with a patient's clinical findings.

Methodology

Immunoassay (IA)

Reference Range(s)

Negative

Alternative Name(s)

COVID19, Novel Coronavirus, nCOV, Wuhan, Coronavirus

Preferred Specimen(s)

1 mL serum

Minimum Volume

0.5 mL

Transport Temperature

Room temperature

Specimen Stability

Room temperature: 4 days

Refrigerated: 7 days

Frozen: 30 days

Reject Criteria

Gross hemolysis • Grossly lipemic • Grossly icteric

Setup Schedule

Daily

Interface Mapping

Result Code: 86028566

Result Name: SARS CoV2 Ab (IgG)

LOINC Code: 94563-4

Component Name: SARS coronavirus 2 Ab IgG

Performing Site

Diagnostic Laboratory of Oklahoma, Central Laboratory

Quest Diagnostics Test Directory Link

<https://testdirectory.questdiagnostics.com/test/home>

<https://testdirectory.questdiagnostics.com/test/test-detail/39504/sars-cov-2-serology-covid-19-antibody-igg-immunoassay?p=r&q=39504&cc=DLO>