

SARS-CoV-2 IgG, Spike

Order Name: **CoV2 IgG Spike**

Test Number: 6907251

Revision Date: 07/19/2024

TEST NAME	METHODOLOGY	LOINC CODE
SARS-CoV2 IgG Spike	Chemiluminescence, Immunoassay	94661-6
SARS-CoV2 IgG Spike Index	Chemiluminescence, Immunoassay	94505-5

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	2 mL (0.4 mL)	Serum	Clot Activator SST	Room Temperature
Alternate 1	2 mL (0.4 mL)	Plasma	Lithium Heparin PST (Light Green Top)	Room Temperature
Alternate 2	2 mL (0.4 mL)	Plasma	EDTA (Lavender Top)	Room Temperature
Instructions	<p>Minimum Volume: 0.4 mL (Note: This volume does not allow for repeat testing.)</p> <p>Container: Gel-barrier tube or serum from red-top tube or serum transfer tube, or plasma from lithium heparin or EDTA tube</p> <p>Cause for Rejection: Grossly hemolyzed or lipemic samples and samples containing particulate matter or exhibiting obvious microbial contamination.</p> <p>Stability: Ambient 14 days; Refrigerated 14 days; Frozen 14 days (freeze thaw cycle x3)</p>			

GENERAL INFORMATION	
Expected TAT	2-4 Days
Clinical Use	The incubation period for COVID-19 ranges from 5 to 7 days. Current literature suggests that detectable IgG-class antibodies against SARS-CoV-2 develop approximately 8 to 11 days following onset of symptoms. Correlation with epidemiologic risk factors and other clinical and laboratory findings is recommended. A positive serological result is not diagnostic but indicates that an individual has likely been infected with SARS-CoV-2 and produced an immune response to the virus. It is not known at this time whether detectable antibody correlates with immunity. A negative serologic result indicates that an individual has not developed detectable antibodies at the time of testing. While contingent on a variety of factors, this could be due to testing too early in the course of infection, the absence of exposure to the virus, or the lack of adequate immune response, which can be due to conditions or treatments that suppress immune function.
Performing Labcorp Test Code	164055
CPT Code(s)	86769
Lab Section	Reference Lab