

## 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 (mL)  | 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><b>Minimum Volume:</b> 0.4 mL (Note: This volume does not allow for repeat testing.)<br/> <b>Container:</b> Gel-barrier tube or serum from red-top tube or serum transfer tube, or plasma from lithium heparin or EDTA tube<br/> <b>Cause for Rejection:</b> Grossly hemolyzed or lipemic samples and samples containing particulate matter or exhibiting obvious microbial contamination.<br/> <b>Stability:</b> 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  |