



COVIANT™ is a blood test that determines the presence of IgG antibodies to SARS-CoV-2, the virus that causes COVID-19

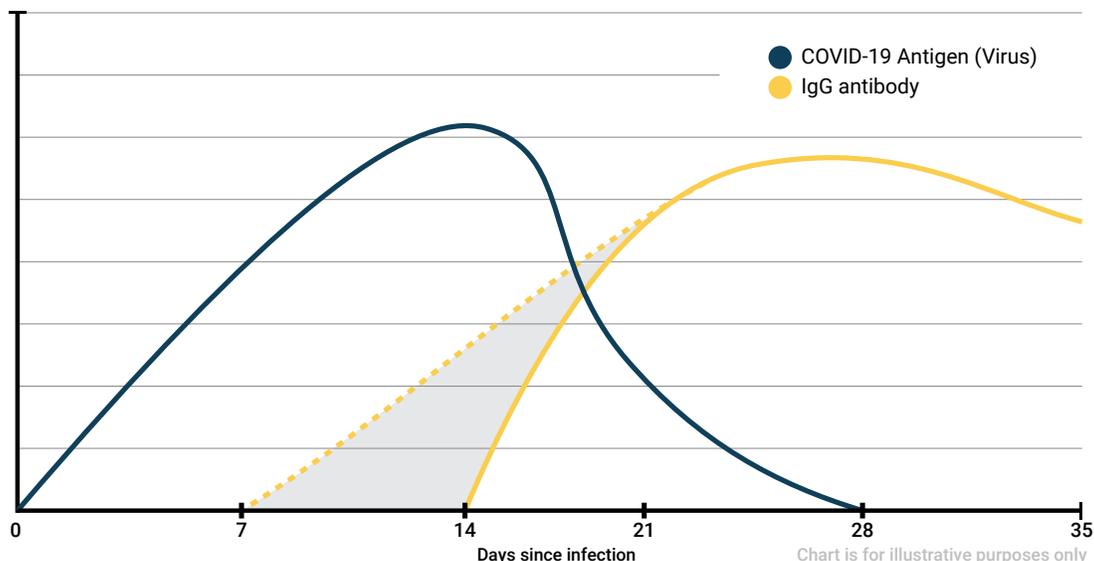
Antibodies are part of the body's immune response to infection and are formed in response to antigens, such as SARS-CoV-2. Because the body creates antibodies that are highly specific to each antigen, they can be used as indicators of exposure.^{1,2} COVIANT measures the presence of antibodies specific to SARS-CoV-2 and can be used to detect previous COVID-19 infection.³

Immune Response Overview

Several types of immunoglobulins (Ig) are created at different times during the body's immune response. COVIANT tests for the IgG antibody.

- * IgG is detectable approximately 10-14 days after exposure to the antigen or infectious agent. Serum levels persist in the blood for many months, and it is generally thought that high levels of IgG indicate that a person has been exposed to the infectious agent that triggered the immune response.^{1,2} Understanding the long-term immunity offered by IgG antibodies to COVID-19 disease, however, is limited.

Variation of the Levels of SARS-CoV-2 RNA Antigen and IgG After Infection³



About **COVIANT™**

COVIANT is a fully validated test that measures IgG antibodies specific to SARS-CoV-2, the virus responsible for the COVID-19 disease.

The test kit for antibody assessment is manufactured by EUROIMMUN US, Mountain Lakes, NJ, and has been awarded an Emergency Use Authorization (EUA) from the United States Food and Drug Association (FDA).

Interpace Diagnostics is proud to be part of this important aspect of pandemic recovery.

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| Specimen type | Cell-free EDTA plasma (lavender cap) is the preferred specimen type. Cell-free serum (red or gold cap) can also be accommodated for testing |
| Specimen Volume | Minimum 2 mL cell-free EDTA plasma or a minimum 1 mL cell-free serum |
| Turnaround time | Less than 3 days |
| Storage | Specimens must be refrigerated (2-8° C) until shipping |
| Shipping | Samples should be shipped for overnight delivery using the FedEx® label provided |
| Cost | The cost of the test is \$45 with payment by direct bill/client bill |
| Laboratory Services Agreement (LSA) | A generic LSA is required |

Ordering **COVIANT™**

Requisitions and specimen collection/transport kits can be ordered through your representative or by contacting Client Services.

- * Bulk order requisitions (specimen manifest) to facilitate higher volume institutions and single patient requisitions are both available
- * EHR/EMR system integration of the specimen manifest and reporting is supported

Phone: (800) 495-9885 | (412) 224-6900

Email: clientservices@interpace.com

For more information
visit www.coviant.com

References

1. Long QX, Liu BZ, et al. Antibody responses to SARS-CoV-2 in patients with COVID-19. [pub ahead of print, 2020]. *Nat Med*. doi: 10.1038/s41591-020-0897-1.
2. Guo L, Ren L, et al. Profiling early humoral response to diagnose novel coronavirus disease (COVID-19). [pub ahead of print, 2020]. *Clin Infect Dis*. doi: 10.1093/cid/ciaa310.
3. Data on file.

