

## COVID-19 ANTIBODY TESTING

As your patients and staff begin receiving COVID-19 vaccines, monitoring their immune status will be increasingly important. To help with this, Ascend offers the SARS-CoV-2-Antibody Assays from Siemens.

The COVID-19 SARS-CoV-2 Total Antibody assay measures both IgM and IgG antibodies. These results determine whether a patient has a recent or prior infection. The COVID-19 SARS-CoV-2 IgG assay provides a qualitative interpretation and a semi-quantitative index to monitor IgG antibody levels (immunity).

Ensuring vaccine effectiveness will play a key role in protecting the vulnerable dialysis population. Using the SARS-CoV-2 IgG assay post-vaccination, clinicians can detect patient IgG antibody levels and assess relative changes over time.

### Antibody Testing Provides Valuable Information

- Establish a baseline immune status.
- Track the duration of a dialysis patient's immune response.
- Verify the effectiveness of vaccines.

<b>Non-Vaccinated</b> <b>SARS-CoV-2 Ab, Total w/Reflex IgG</b>	Siemens Healthineers Total Antibody COV2T with IgG Reflex Assay <ul style="list-style-type: none"> <li>• Detects total antibodies including IgM and longer lasting IgG.</li> <li>• Use to determine recent or prior infection.</li> <li>• If Total Antibody is reactive, a reflex IgG antibody assay is performed.</li> </ul>
<b>Vaccinated</b> <b>SARS-CoV-2 IgG</b>	Siemens Healthineers SARS-CoV-2 IgG (COV2G) Assay <ul style="list-style-type: none"> <li>• This assay is more appropriate for post-vaccination.</li> <li>• Use to track duration of vaccine response after 1, 3, 6, 9 and 12 months.</li> </ul>
<b>Performance</b>	100% sensitivity and 99.8 % specificity
<b>Specimen Requirements</b>	<ul style="list-style-type: none"> <li>• Tall Green Top tube (Lithium Heparin Plasma).</li> <li>• Combine with a patient's other immunochemistry tests such as Ferritin, PTH and infectious disease without any additional blood being drawn.</li> <li>• Transport – refrigerated, can be packaged with other blood specimens.</li> <li>• Stable for 5 days at 2-8°C.</li> <li>• Expected turnaround time is 1-2 days after receipt.</li> </ul>

## COVID-19 PCR TESTING

For patients displaying COVID-19 symptoms, use the COVID-19 SARS-CoV-2 PCR test to determine if your patients and staff are currently infected. Ascend offers fast turnaround times and accurate results.

<b>SARS-CoV-2 PCR</b>	SARS-CoV-2 assay from Abbott Laboratories, utilizing Alinity m® instrument <ul style="list-style-type: none"> <li>• Detects the presence of SARS-CoV-2.</li> </ul>
<b>Performance</b>	100% sensitivity
<b>Specimen Requirements</b>	<ul style="list-style-type: none"> <li>• Anterior Nares swab and universal transport medium (UTM).</li> <li>• Transport – refrigerated, can be packaged with other blood specimens in a separate biohazard bag.</li> <li>• Stable for 3 days at 2-8°C.</li> <li>• Expected turnaround time is 1-2 days after receipt.</li> </ul>

To learn more, email [sales@aclab.com](mailto:sales@aclab.com) or call 800.800.5655, Option 1.