

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.

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

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.

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

To learn more, email sales@aclab.com or call 800.800.5655, Option 1.