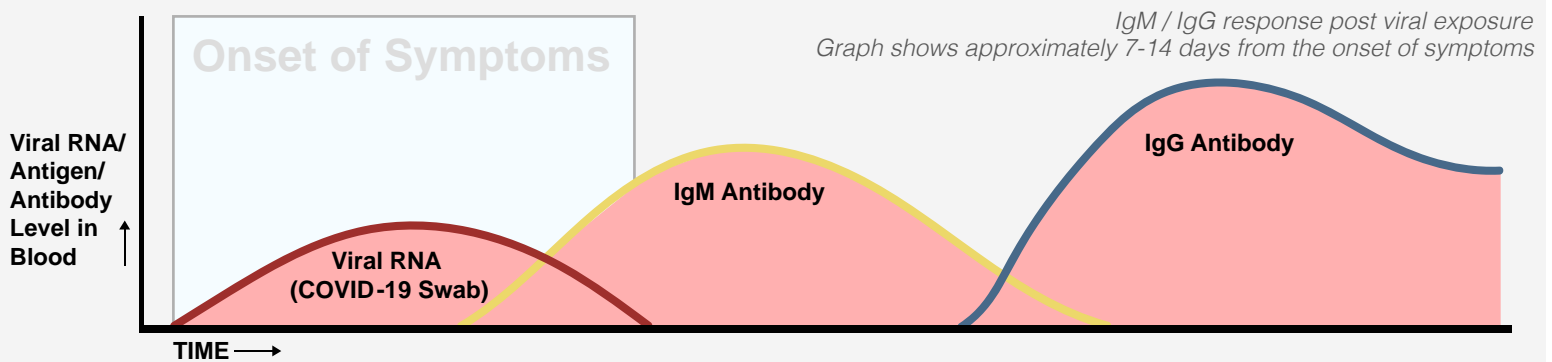


Assessing the COVID-19 Pandemic

Ammon Labs now offers COVID-19 Antibody IgM & IgG testing, a chemiluminescent microparticle immunoassay used for the qualitative detection of IgM & IgG antibodies to SARS-CoV-2. Testing will help healthcare professionals and public authorities make decisions about people returning to work, and easing social distancing measures.

FACTS ON COVID-19 ANTIBODY TESTING

- The first antibodies generated after viral exposure are IgM followed by IgG, which are more long lasting and may provide protection to reinfection. However, more study is required to understand this fully.
- Detection of IgM antibodies is often interpreted as an indication of acute infection but caution is advised, as levels may remain detectable for as long as 2-4 months. Consideration of false positive results for SARS-CoV-2 may occur due to cross-reactivity of other IgM antibodies produced from other viruses
- Post symptom onset, blood serology testing appears to be most accurate and reliable > 7 days for IgM and >14-15 days for IgG.
- Researchers found the test to have 99.9% specificity and 100% sensitivity for patients tested 17 days or more after symptoms began



TEST HIGHLIGHTS	Positive IgG	Positive IgM	Negative IgM
	Negative IgG	Indicates active Covid-19	Indicates early infection of Covid-19
Test Name	COVID-19 Antibody IgG COVID-19 Antibody IgM		
Test Code	COVID-IgG COVID-IgM		
TAT	24 - 48 Hours		
Primary Container	SST		
Alt. Container	Aliquot Serum, Red Top (ALQRD) or Aliquot Tube-Serum (ALQS)		
Custom Collection Instructions:	Fill tube, invert gently 5 times, label with patient name, let stand for minimum of 30 minutes, maximum of 1 hr, spin for 10-15 minutes. Place in specimen bag and label with "COVID-19 ANTIBODY" and submit to laboratory. Please Note: COVID-19 antibody tests must be collected in a separate SST tube, and the specimen bag should be labeled with "COVID-19 ANTIBODY". Testing cannot be combined with other tests, and add-ons will not be accepted.		
Storage Requirements	Room Temp (15-30°C) 2 days - Refrigerate (2-8°C) 7 days		
CPT Code	86769 86769		
Clinical Utility	Detect COVID-19 antibodies		

REFERENCES: National Center for Immunization and Respiratory Diseases (NCIRD), Division of Viral Diseases, Apr 14,2020 Nature. Will antibody tests for the coronavirus really change everything? 18 Apr 2020 JAMA. Published online April 17, 2020. doi:10.1001/jama.2020.6170 Centers for Disease Control and Prevention. CDC twenty four seven. Saving Lives, Protecting People, 20 Apr 2020 SARS-CoV-2 IgG Package Insert. Abbott, 2020.