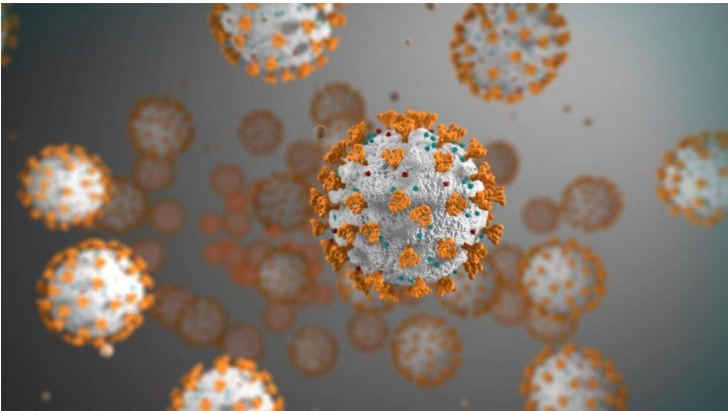


## Siemens Healthineers to expand SARS-CoV-2 testing facilities

29 April 2020 | News

**Planned expanded manufacturing production will accommodate more than 25 million test per month in June and beyond**



Siemens Healthineers has announced that it is significantly expanding its infectious disease testing capabilities to aid in the COVID-19 pandemic. Recognizing the critical need for accurate diagnostic testing to manage COVID-19, the company has developed a laboratory-based total antibody test to detect the presence of SARS-CoV-2 antibodies in blood.

This total antibody test will provide a clear view of patients' disease progression by identifying Individuals infected with the virus who have developed an immune response to the virus, even if they were asymptomatic or never diagnosed with the disease. The test, which detects both IgM and IgG antibodies, has demonstrated specificity and sensitivity of greater than 99 percent.

Siemens Healthineers anticipates availability of the total antibody test by late May 2020. Planned expanded production in the company's Walpole, Massachusetts manufacturing facility will accommodate more than 25 million tests per month in June and beyond. The company is pursuing Emergency Use Authorization (EUA) from the USFDA as well as the CE Mark.

The test will be available on the Atellica Solution immunoassay analyzer, which can run up to 440 tests per hour and will enable a result in just 14 minutes. In addition, the serology test also is expected to be available on the company's expansive installed base of ADVIA Centaur XP and XPT analyzers, which deliver up to 240 tests per hour, with a result in 18 minutes. Availability of this test on these industry leading platforms ensures more patients are tested in a shorter time.

Deepak Nath, PhD, President, Laboratory Diagnostics, Siemens Healthineers said, "Siemens Healthineers is working diligently to address the need for high-quality tests in the fight against COVID-19. This test is being designed with the precision and controls, sensitivity and specificity that laboratories have come to expect from our immunoassay tests. I am especially proud of the dedication of our colleagues involved in development of this test—many of whom are based at the U.S. epicenter of the pandemic."

The test will join a robust diagnostics portfolio from Siemens Healthineers currently aiding in the prognosis, treatment and follow up of COVID-19 patients. For example, the molecular Fast Track Diagnostics (FTD) SARS-CoV-2 test kit is used to aid in the diagnosis of infection by the SARS-CoV-2 virus that causes the COVID-19 disease. Additionally, the company's imaging, blood gas, and broad and differentiated menu of tests, including D-Dimer, provide actionable results that aid in the care of acute infected patients.

Comparable tests for Siemens Healthineers Dimension Vista and Dimension EXL systems are being pursued in the coming weeks with a view to further expand clinical reach. In addition, the company intends to develop an IgG test to provide flexibility for testing needs as the pandemic evolves.