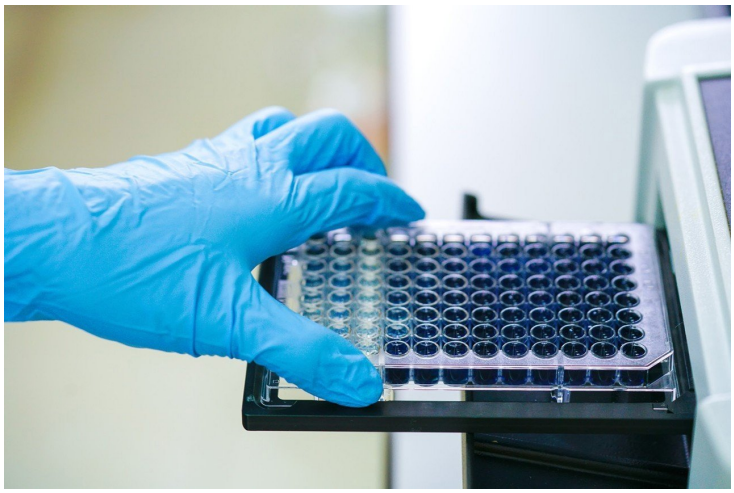
BioSpectrum the business of Bio & Health Sciences

Thermo Fisher expands COVID-19 test portfolio with new Ab tests

12 October 2020 | News

Both of these new antibody tests are designed to meet the need for open ELISA and automated workflows



Thermo Fisher Scientific Inc. has introduced two new SARS-CoV-2 antibody tests: the Thermo Scientific OmniPATH COVID-19 Total Antibody ELISA test, and the Thermo Scientific EliA SARS-CoV-2-Sp1 IgG test.

These new tests for detecting COVID-19 antibodies expand the company's leading response to the pandemic, which ranges from molecular diagnostic tests and sample collection products, to personal protective equipment, to support of therapy and vaccine development and manufacturing.

OmniPATH COVID-19 Total Antibody ELISA test

The OmniPATH COVID-19 Total Antibody ELISA test, developed in conjunction with the Mayo Clinic and WuXi Diagnostics as previously announced, has been granted Emergency Use Authorization (EUA) from the U.S. Food and Drug Administration (FDA) for qualitative detection of total antibodies to SARS-CoV-2, including immunoglobulin M (IgM), immunoglobulin A (IgA) and immunoglobulin G (IgG).

EliA SARS-CoV-2-Sp1 IgG test

The EliA SARS-CoV-2-Sp1 IgG test is commercially available in accordance with the FDA's "Policy for Coronavirus Disease-2019 Tests During the Public Health Emergency (Revised)". The EUA is currently under review by the FDA. The EliA test is designed for automated processing of up to 60 results per hour on the Thermo Scientific Phadia 250 instrument. The EliA test is quantitative within markets that accept the CE mark and semi-quantitative in the U.S. Individual IgM and IgA EliA tests are also available now for research use only.

Both of these new antibody tests are designed to meet the need for open ELISA and automated workflows. This flexibility enables laboratories to run the tests at customizable speed and throughput while using automated instruments already in place, minimizing initial costs and reducing the time needed to begin testing