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GBC develops novel molecular testing kit for COVID-19

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GBC's PCR Kit allows one-step real-time testing with results available within 1.5-2 hours



General Biologicals Corporation (GBC), a Taiwanese medical device company has developed the GB SARS-CoV-2 Real-Time RT-PCR (PCR Kit): a reliable molecular testing kit for the detection of the novel coronavirus in humans.

This comes amid the continued global battle against COVID-19 and demand for accurate testing remains at an all-time high, particularly in affected countries such as the US.

GBC's PCR Kit allows one-step real-time testing with results available within 1.5-2 hours.

In addition to its PCR Kit, GBC is currently developing other COVID-19 testing solutions including a SARS-CoV-2 antigen test and antibody test.

The antigen test is a rapid diagnostic test that detects specific proteins on the surface of the virus via a nasal or throat swab. Results are available in 10 to 15 minutes.

GBC is also developing a total antibody ELISA test, a serological test that detects Immunoglobulin M (IgM) and Immunoglobulin G (IgG) to determine the presence of SARS-CoV-2 in patients. Antibody tests can reveal if a patient has had COVID-19 and has built up an immune response but cannot be used to diagnose an active infection.