

Aperiomics

Xplore-COVID-19™

Aperiomics, Inc, a biotechnology company deploying technologies to identify the root causes of infectious disease.

Aperiomics has added Xplore-COVID-19 (Coronavirus – SARS-CoV-2) to its menu of testing

Patients may order a testing kit directly; however, a clinician must authorize the test prior to sample submission. Place orders at orders@aperiomics.com.

Healthcare providers can order up to 10 collection kits for stocking orders.

An account must be set up to order testing kits.

Xplore-COVID-19™ – Information

Xplore-COVID-19™ test for Coronavirus SARS-CoV-2 is for the qualitative detection of SARS-CoV-2. This is for Research Use Only.

For up to date information on COVID-19, please refer to the CDC website at <https://www.cdc.gov/coronavirus/2019-ncov/summary.html>.

Procedure

The COVID-19 virus nucleic acid will be extracted from the sample, 1-step reverse transcription of RNA from the virus and amplification via PCR for a combined method known as real-time reverse transcriptase PCR (RT-PCR). An internal positive control is included to ensure that the test performed correctly and that the RT-PCR reaction was not inhibited. The US Centers for Disease Control and Prevention (CDC) has designed RT-PCR assays for the detection for the 2019-nCoV. We use the primers and probes for the CDC assays for the identification of the virus. The primers and probes are manufactured under ISO 13485:2016 conditions and are available for research use only (RUO). The kits include primers and 5'FAM / 3' Black Hole Quencher* (BHQ) probes separately. This test is recommended by the FDA (for emergency use) only under the current EUA guidance, unless the authorization is terminated or revoked sooner.

This test has been authorized only for the detection of RNA from COVID-19 virus, not for any other viruses or pathogens. This test has not been cleared or approved for diagnostic use by the US Food and Drug Administration.

Specificity

Other controls were used to demonstrate that Aperiomics' COVID-19 RT-PCR is not expected to cross-react with other coronaviruses (including other MERS-COV and SARS-CoV). Additionally, this assay will not cross-react with other respiratory viruses, bacteria or fungal pathogens/commensals.

To place an order, orders@aperiomics.com