



Lyophilised Nucleic Acid Kit for SARS-CoV-2

The COVID-19 Lyophilised Nucleic Acid Kit is an *in vitro* assay for the qualitative detection of nucleic acid of SARS-CoV-2 ORF1ab (open reading frame, ORF 1ab) and N (Nucleoprotein, N) gene in human respiratory tract samples.



Coronaviruses are a large family of viruses that cause disease ranging from common cold symptoms to more severe pneumonia. They are enveloped, single strand RNA viruses. Coronaviruses are zoonotic, they can be transmitted from animals to humans. Existing examples include the Middle East Respiratory Virus Severe Acute Respiratory Syndrome (SARS-CoV).

Reports of a novel coronavirus began in the Wuhan district of China in December 2019 and in January 2020 the World Health Organisation designated the new strain 2019-nCoV. Symptoms include high temperature, cough and breathing difficulties. In immunocompromised individuals symptoms can be more severe leading to pneumonia, severe acute respiratory syndrome or death.

Test Principle: The kit utilises the principle of real-time PCR a nucleic acid detection using fluorescent probes to identify the SARS-CoV-2 ORF1ab and Nucleoprotein gene. The reagent includes components to reduce false positive results caused by carry-over contamination.

* For more information, see our Instructions For Use sheet

Cat No.	Production Description	Pack Size
PCRCOV1	COVID-19 PCR Lyophilised Kit	50T
PCRCOV2	COVID-19 PCR Lyophilised Kit	96T
PCRCOV3	COVID-19 PCR Lyophilised Kit	500T
PCRCOV4	COVID-19 PCR Lyophilised Kit	1,000T

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