

DATA SHEET

Product Name: Coronavirus (SARS-CoV-2) PCR Detection Kit

Catalog #: CV-4005

Size: 1 kit -100 Assays

Supplied As: Respiratory specimens such as sputum, nasopharyngeal, oropharyngeal swab samples.

Components:

2X RT-qPCR Master Mix	1.25 ml
COVID-19 Primers	100 µl
COVID-19 Probes	100 µl
Positive Control Template	10 µl
RT-qPCR Enzyme Mix	40 µl
Nuclease-free Water	1 ml

Storage: The kit should be stored at -20°C upon arrival. Avoid repeated freezing and thawing. Keep the reagents on ice when thawed. Avoid prolonged exposure to light.

Description: Used for the detection of SARS-CoV-2 in respiratory specimens using Reverse Transcriptase Quantitative Polymerase Chain Reaction (RT-qPCR). It allows the efficient cDNA synthesis and qPCR in a single tube. This kit includes a 2X RT-qPCR Mastermix that contains all the reagents supplied in a 2X concentration to perform the qPCR. A separate RTqPCR Enzyme Mix for cDNA synthesis is included the kit. Additionally, the kit contains 2 vials of primers and probes specific for the ORF1ab and N target. The PCR Detection Kit will facilitate the Coronavirus research and improve patient treatment.

Application: An ideal tool to detect SARS-CoV-2 by RT-qPCR method

Not for human use. for research purposes only