

ProTect™ COVID-19 RT-qPCR Kit

Intended Use

The ProTect™ Coronavirus Disease 2019 (COVID-19) RT-qPCR kit provides all necessary reagents for the *in vitro* qualitative detection of the COVID-19 virus from respiratory specimens and serum samples. The test is compatible with the US CDC protocol, targeting the COVID-19 virus N1, N2 and N3 genes and the human RNase P control gene.

Product Information

Test Principle	One-step RT-qPCR (TaqMan®-based detection)
Targets	N1, N2, N3 (COVID-19 virus) and RNase P (Human)
Number of Tests	50/ kit
Time to Result	< 2 h
Specimen Type	<ul style="list-style-type: none">Respiratory specimens (e.g. Sputum, Nasopharyngeal or Oropharyngeal swabs, bronchoalveolar lavage and tracheal aspirates)Serum
Instrument Required	Real time PCR instrument with FAM detection channel
Kit Storage	-20°C, avoid repeated freezing and thawing of kit contents
Biosafety Precautions	Laboratory personnel are required to wear appropriate personal protective equipment (e.g. gowns, gloves, eye protection) when handling clinical specimens and should be trained in using the qPCR instrument

Reagents Supplied

Each kit provides reagents sufficient for performing 50 tests and consists of the following:

1. ProTect™ one-step RT-qPCR reagent
2. Ready-to-use primer and probe mixes for N1, N2, N3 and RNase P
3. Nuclease-free water
4. Positive Controls

Ordering Information

Product Name	Description	Catalogue Number
ProTect™ COVID-19 RT-qPCR Kit	50 Tests	10024