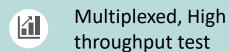
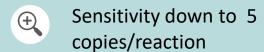


# ProTect™ Covid-19 RT-qPCR Kit 2.0

The kit contains all the necessary reagents for the accurate detection of all strains of the SARS-CoV-2 virus. It employs the reverse-transcription polymerase chain reaction (RT-PCR) method to detect multiple genes on the virus to ensure accurate detection down to 5 copies per reaction. The RT-PCR method is the gold standard for diagnosis of Covid-19 and is the recommended protocol for all countries.

#### **Features**





- Detects for multiple genes for better accuracy
- Manufactured in Singapore under ISO13485 certification
- Covers all different strains
- Results in under 1.5 hours
- Received Singapore HSA
  Provisional Authorisation
- Clinically validated by third party hospital



## **Reagents Supplied**

Each kit provides reagents sufficient for performing 100 tests and consists of the following:

- ProTect™ one-step RT-qPCR reagent
- Ready-to-use primer and probe mix for N1, N2 and RNase P genes
- Nuclease-free water
- **Positive Controls**





**IVD** For in-vitro diagnostic use

### **Product Information**

Test Principle	One-step RT-qPCR (TaqMan®-based detection)	
Targets	N1, N2 (SARS-CoV-2 virus; FAM-labelled) RNase P (Human; HEX-labelled)	
Number of Tests	100/kit (Cat. No. 10029)	
Compatible Specimen Type	Upper respiratory nasopharyngeal specimens (i.e. nasopharyngeal swabs)	
Limit of Detection^	5 copies RNA per reaction	
Precision^	<2%	
Specificity	Detects only SARS-CoV-2 based on in silico sequence validation	

<sup>^</sup>Validated on QuantStudio™ 3 Real-Time PCR System (Applied Biosystem)

# **Ordering Information**

Product Name	Description	Cat. No.
ProTect™ COVID-19 RT-qPCR Kit 2.0	100 Tests	10029



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