



ProTect™ Omivar RT-qPCR Kit

The kit contains all the necessary reagents for the accurate detection of the SARS-CoV-2 Omicron variant, serving as a confirmatory test with high accuracy and sensitivity. It is a cost- and time-saving alternative to Next Generation Sequencing (NGS) where results can be obtained in just 1 hour.

Features



Accuracy >99%



Sensitivity down to <15 copies/reaction



Detects Omicron specific mutations



Manufactured in Singapore under ISO13485 certification



Differentiate Omicron variant from other SARS-CoV-2 variants



Rapid results in 1 hour as compared to NGS

Reagents Supplied

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

- ProTect™ Omivar one-step RT-qPCR reagent
- Ready-to-use primer and probe mix for Omicron mutation detection
- Nuclease-free water
- Positive Control



Product Information

Test Principle	One-step RT-qPCR (TaqMan®-based detection)
Targets	Omicron specific mutation genes
Number of Tests	100/kit (Cat. No. 10035)
Compatible Specimen Type	Upper respiratory specimens (i.e. Nasopharyngeal and/or oropharyngeal swabs)
Limit of Detection[^]	<15 copies RNA per reaction
Precision[^]	<2%
Specificity	Detects only Omicron variant based on in silico sequence validation

[^]Validated on QuantStudio™ 5 Real-Time PCR System

Ordering Information

Product Name	Description	Cat. No.
ProTect™ Omivar RT-qPCR Kit <i>For research use only</i>	100 Tests	10035
ProTect™ COVID-19 RT-qPCR Kit <i>CE-IVD marked</i>	100 Tests	10029
BUNDLE: ProTect™ COVID-19 + Omivar RT-qPCR Kit	100 Tests + 100 Tests	10036