



# 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) with results 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

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

<sup>^</sup>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 each	10036