

## COVID-19 ULTRA SENSITIVE MULTIPLEX RT-QPCR KIT RESEARCH USE ONLY

### For Detection and Discrimination of Omicron, Delta, and Wild-type Variants of Concern SARS-CoV-2

ChemGenes has developed a multiplex RT-PCR kit based on the S gene dropout for detection and discrimination of Omicron, Delta, and wild-type (ancestral) variants of SARS-CoV-2 .

The SARS-CoV-2 VoCs Multiplex RT-qPCR Kit is an *in-vitro* diagnostic test that detects and discriminates wild-type (ancestral), Omicron and Delta SARS-CoV-2 variants. The kit developed by ChemGenes is a Reverse Transcription quantitative Polymerase Chain Reaction (RT-qPCR) test with high sensitivity and specificity, and is compatible with a wide array of RT-qPCR instruments.

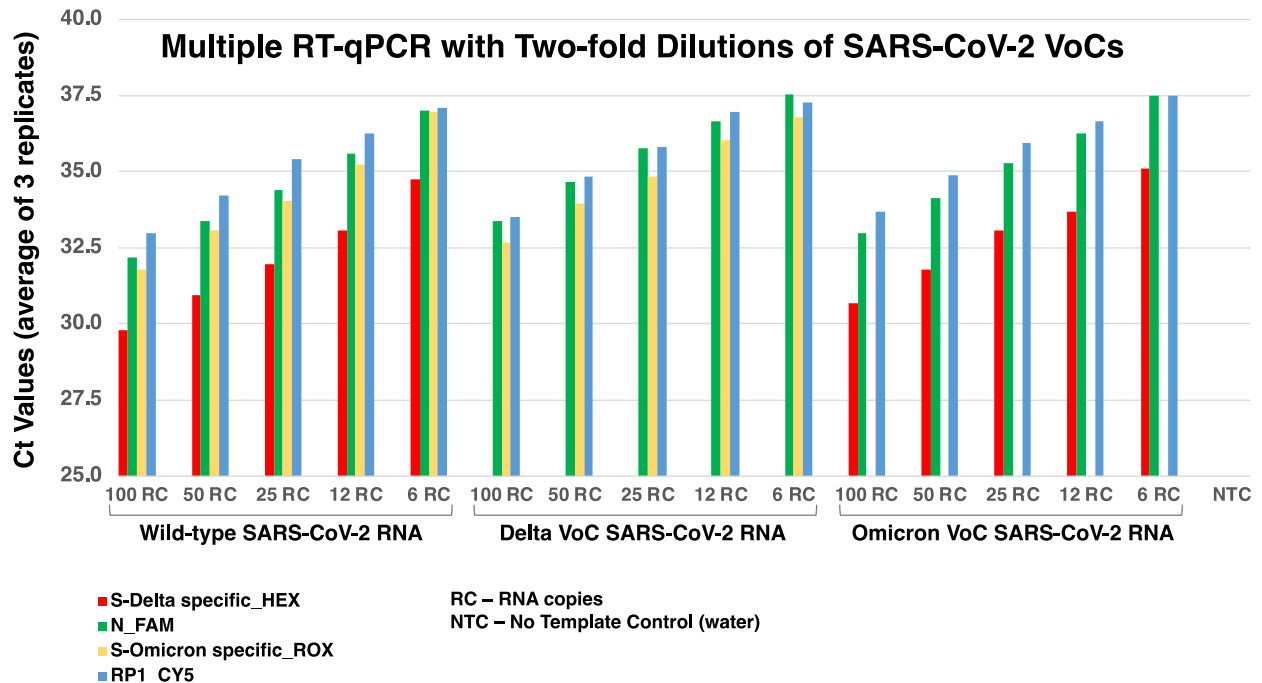
The primers and probes for detection of SARS-CoV-2 and prevalent variants target Nucleocapsid gene (N) and two regions of the Spike gene (S) that are uniquely deleted from the Omicron and Delta variants. An additional primer/probe set to detect the human RNase P gene (RP1) serves as a control for proper collection of clinical specimens.

### SARS-CoV-2 VoCs Multiplex RT-qPCR Kit (Catalog#IQ4-CVD\_D\_A-KIT)

#### Packaging configurations

Description	Catalog #	Packaging configurations
SARS-CoV-2 VoCs Multiplex RT-qPCR Kit	IQ4-CVD-OD-100	100 rxn
SARS-CoV-2 VoCs Multiplex RT-qPCR Kit	IQ4-CVD-OD-500	500 rxn
SARS-CoV-2 VoCs Multiplex RT-qPCR Kit	IQ4-CVD-OD-1000	1000 rxn
SARS-CoV-2 VoCs Multiplex RT-qPCR Kit	IQ4-CVD-OD-5000	5000 rxn

*To get bulk pricing or custom pack sizes, please inquire by phone or email*



#### Resources

Brochures