

## SARS-CoV-2 Surrogate Virus Neutralization Test Kit (B.1.1.7/N501Y)

SKU: GXEL00297 | Assay: Quantitative ELISA (Colorimetric)

The SARS-CoV-2 Surrogate Virus Neutralization Test Kit (B.1.1.7/N501Y) (SKU: GXEL00297) is a high-sensitivity quantitative ELISA for the quantitative measurement of SARS-CoV-2 Surrogate Virus Neutralization Test Kit (B.1.1.7/N501Y) in Plasma, Serum. The assay covers a detection range of 0.156 - 10 µg/mL with a sensitivity of 78.1 ng/mL and is read colorimetrically at 450 nm.

### Specifications

|                          |                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | SARS-CoV-2 Surrogate Virus Neutralization Test Kit (B.1.1.7/N501Y)                                                                                                                  |
| <b>SKU</b>               | GXEL00297                                                                                                                                                                           |
| <b>Alternative Names</b> | Spike glycoprotein, S glycoprotein, Spike protein S1, S, Receptor-Binding Domain, RBD, United Kingdom-202009, Alpha, B.1.1.7, GR/501Y.V1, 20I/S:501Y.V1, Neutralization, SARS-CoV-2 |
| <b>Assay Type</b>        | Quantitative                                                                                                                                                                        |
| <b>Detection Method</b>  | Colorimetric                                                                                                                                                                        |
| <b>Sensitivity</b>       | 78.1 ng/mL                                                                                                                                                                          |
| <b>Detection Range</b>   | 0.156 - 10 µg/mL                                                                                                                                                                    |
| <b>Recovery</b>          | 80-120%                                                                                                                                                                             |
| <b>Sample Types</b>      | Plasma, Serum                                                                                                                                                                       |
| <b>Storage</b>           | 2-8°C. See Storage & Stability.                                                                                                                                                     |
| <b>Note</b>              | For Research Use Only. Not for diagnostic procedures.                                                                                                                               |

### Storage & Stability

The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 10% prior to the expiration date under appropriate storage condition. Store at 2-8°C on receipt; avoid repeated freeze-thaw cycles.

Assay Genie Ltd, 25 Windsor Place, Dublin 2, D02 VY42, Ireland | +353 1 563 9720 | [www.assaygenie.com](http://www.assaygenie.com) | [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com)  
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