SARS-CoV2 G10xA1 human neutralizing mAb

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#2571

Store at: -20ºC

For Research Use Only. Not For Use In Diagnostic Procedures.

Applications	Detection	Clonality	Isotype
Functional Assay,ELISA	Anti-SARS-CoV-2 NP mAb	Monoclonal	Human IgG1k

Format: Unconjugated

Cross Reactivity: No

Formulation: 1X PBS

Preparation: Protein A

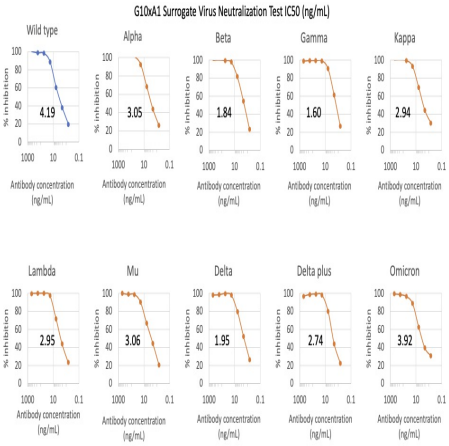
Reactivity: Other

Recommended Usage: A recombinant SARS-CoV-2 spike protein containing RBD.

Immunogen: A recombinant SARS-CoV-2 spike protein containing RBD.

Description: N/A

References: N/A



Microtiter wells were coated with 100 µL of ACE2-Fc (Cat# 2566) at 2 µg/mL in PBS at 4?C overnight. The wells were washed with PBS and blocked with 200 µL of 1% BSA/PBS. The antibody was titrated from 1 µg/mL in 1% BSA/PBS and mixed with equal volume of spike trimer Avi-tag of each variant (Acrobiosystems). The blocker was discarded, and the wells incubated with 100 µL of the mixture of antibody and the spike trimer at 37?C for 1 hour. The wells were washed with PBS and the bound spike trimer was detected with 100 µL of High Sensitivity Streptavidin-HRP (Thermo Fisher 21130) (1:5,000 in 1% BSA/PBS) at 37?C for 1 hour. The wells were washed with PBS and the wells were developed with 100 µL of MB/E Ultra Sensitive, Blue, Horseradish Peroxidase Substrate (EMD Millipore ES022-500ml) at 37?C for 15 min. The reaction was stopped with 100 µL of 0.6N H2SO4 and the signals were read at 450 nm using a plate reader (Biotek).
The experiments were performed in triplicates and the average was used to calculate % inhibition and IC50 (ng/mL) for each variant.

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