

Humanized IgG Monoclonal Antibody against SARS-CoV-2 S1

Cat No.: 41A233

Specification: 450µl per vial

Description

An IgG monoclonal antibody to SARS-CoV-2 S1 with high affinity was screened and the variable regions were grafted into a template human IgG framework. The humanized monoclonal antibody (MAb) is mimic to the IgG antibody in the patients' serum or plasma specimens, and can react with coated antigens and secondary detectors in TorontoBioscience High-sensitive SARS-CoV-2 S1 IgG ELISA Kit (Cat No. 41A232) as the positive control.

This product is intended for use by professional persons only.

This product is intended for for research use only.

Application

Ready-to-use positive control for SARS-CoV-2 S1 IgG ELISA.

100 µl per ELISA test.

Reconstitution

Add 450 µl deionized water into each tube and let the lyophilized pellet dissolve completely.

Storage

Store the lyophilized antibody at -20°C for long-term storage.

After reconstitution, store at 4 degrees for short-term storage (3 days) or store in aliquots at -80 degrees for long-term storage. Avoid frequent freeze-thaw cycles.

Quality Control Test

The purity of humanized IgG MAb to SARS-CoV-S1 is characterized by SDS-PAGE while the activity is evaluated by ELISA.

The Absorbance at 450nm of ready-to-use humanized IgG MAb to SARS-CoV-2 S1 is above 1.

Typical Results (example only)

Samples	Absorbance (450 nm)
Positive Control	1.272
	1.384
Serum sample from healthy subjects	0.075
	0.082

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