

Humanized IgG Monoclonal Antibody against SARS-CoV-2 S1

Cat No.: 41A233

Specification: 22µl per vial (10x concentrated)

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 ImmunoDiagnostics High-sensitive SARS-CoV-2 S1 IgG ELISA Kit (Cat No. 41A232R) as the positive control.

This product is intended for use by professional persons only.

This product is intended for research use only.

Dilution & Preparation

Each tube contains 22µl 10x Anti S1 IgG monoclonal antibody. Centrifuge it briefly before open the tube. Add 200µl of 1x Phosphate-buffered saline (PBS) or 1x Assay Buffer included in SARS-COV-2 S1IgG ELISA Kit (Cat No. 41A232R or 41A234) into each tube and mix the samples thoroughly.

Application

Positive control for SARS-CoV-2 S1 IgG ELISA. 100µl per ELISA test.

Storage

Store at 4 degrees, up to 6 months.

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	3.505
	3.694
Serum sample from healthy subjects	0.076
	0.082

