

Humanized IgG Monoclonal Antibody against SARS-CoV-2 S1RBD

Cat No.: 41A236

Specification: 20µl per vial (10 x concentrated)

Description

An IgG monoclonal antibody to SARS-CoV-2 S1RBD 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' SARS-CoV-2 S1RBD IgG ELISA Kit (Cat No. 41A223R and 41A235) as the positive control.

This product is intended for use by professional persons only.

This product is intended for research use only.

Reconstitution

Each tube contains 20µl of 10x Anti S1RBD 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 S1RBD ELISA Kit (Cat No. 41A223R and 41A235) into each tube and mix the samples thoroughly.

Application

Positive control for SARS-CoV-2 S1RBD IgG ELISA.

100µl per ELISA test.

Storage

Store at 4 degrees, up to 3 months.

Quality Control Test

The purity of humanized IgG MAb to SARS-CoV-S1RBD 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 S1RBD is >0.4.

Typical Results (example only)

Samples	Absorbance (450 nm)
Positive Control	0.661
	0.653
Serum sample from healthy subjects	0.148
	0.135

