

Humanized IgG Monoclonal Antibody against SARS-CoV-2 Nucleocapsid Protein (NP)

Cat No.: 41A227

Specification: 20µl per vial (10 x concentrated)

Description

An IgG monoclonal antibody to SARS-CoV-2 nucleocapsid protein (NP) with high affinity was made by genetic engineering approach. It mimics the anti-NP IgG antibody in the patients' serum or plasma specimens, and can react with coated antigens and secondary detectors in ImmunoDiagnostics' SARS-CoV-2 NP IgG ELISA Kit (Cat No. 41A222 and 41A222R) as the positive control.

This product is intended for use by professional persons only.

This product is intended for for research use only.

Dilution & Preparation

Each tube contains 20µl 10x Anti NP 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 NP IgG ELISA Kit (Cat No. 41A222 or 41A222R) into each tube and mix the samples thoroughly.

Application

Positive control for SARS-CoV-2 NP 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-NP is characterized by SDS-PAGE while the activity is evaluated by ELISA.

The Absorbance at 450nm of humanized IgG MAb to SARS-CoV-NP is > 0.5.

Typical Results (example only)

Samples	Absorbance (450 nm)
Positive Control	2.32
	2.25
Serum sample from healthy subjects	0.132
	0.134

