

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

Cat No.: 41A227

Specification: 220µl per vial

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.

Application

Ready-to-use positive control for SARS-CoV-2 NP IgG ELISA.
100µl per ELISA test.

Reconstitution

Add 220µl 1xPBS 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 MAbs to SARS-CoV-NP is characterized by SDS-PAGE while the activity is evaluated by ELISA.

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

Typical Results (example only)

Samples	Absorbance (450 nm)
Positive Control	0.718
	0.739
Serum sample from healthy subjects	0.132
	0.134

