

## Humanized IgM Antibody against SARS-CoV-2 NP

**Cat No.:** 41A237

**Specification:** 20µl per vial (10 x concentrated)

### Description

An IgM antibody to SARS-CoV-2 NP with high affinity was made by genetic engineering. It is mimic to the IgM antibody in the patients' serum or plasma specimens and can react with coated antigens and secondary detectors in ImmunoDiagnostics' SARS-CoV-2 NP IgM ELISA Kit (Cat No. 41A224 and 41A224R) as the positive control.

**This product is intended for use by professional persons only.**

**This product is intended for research use only.**

### Dilution and Preparation

**Each tube contains 20µl 10x Anti NP IgG monoclonal antibody.** Centrifuge it briefly before opening the tube. Add **200µl** of 1x Phosphate-buffered saline (PBS) or 1x Assay Buffer included in SARS-COV-2 NP IgM ELISA Kit (Cat No. 41A224 or 41A224R) into each tube and mix the samples thoroughly.

### Application

Positive control for SARS-CoV-2 NP IgM ELISA.

100µl per ELISA test.

### Storage

Store at 4 degrees, up to 3 months.

### Quality Control Test

The purity of humanized IgM Ab to SARS-CoV-2 NP is characterized by SDS-PAGE while the activity is evaluated by ELISA.

The Absorbance at 450nm of humanized IgM Ab to SARS-CoV-2 NP is >0.5.

### Typical Results (example only)

Samples	Absorbance (450 nm)
Positive Control	2.91
	2.82
Serum sample from healthy subjects	0.129
	0.171

