

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

**Cat No.:** 41A238

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

### Description

An IgG & IgM antibody to SARS-CoV-2 NP with high affinity was made by genetic engineering. It is mimic to the antibody in the patients' serum or plasma specimens and can react with coated antigens and secondary detectors in ImmunoDiagnsotics' SARS-CoV-2 NP Ab ELISA Kit (Cat No. 41A225 and 41A225R) 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 & IgM monoclonal antibody.** Centrifuge it briefly before opening the tube. Add **200µl** of 1x Phosphate-buffered saline (PBS) or 1x Assay pBuffer included in SARS-COV-2 NP Ab ELISA Kit (Cat No. 41A225 or 41A225R) into each tube and mix the samples thoroughly.

### Application

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

100µl per ELISA test.

### Storage

Store at 4 degrees, up to 3 months.

### Quality Control Test

The purity of humanized IgG & 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 IgG & IgM Ab to SARS-CoV-2 NP is >0.5.

### Typical Results (example only)

Samples	Absorbance (450 nm)
Positive Control (Cat 41A238; Lot 0811)	1.65
	1.72
Negative sample #3	0.103
	0.101

