

Product Datasheet

SARS-CoV-2 Nucleocapsid Antibody (4D0J7) - Azide and BSA Free **NBP3-05764**

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -70C long term. Avoid freeze-thaw cycles.

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NBP3-05764**SARS-CoV-2 Nucleocapsid Antibody (4D0J7) - Azide and BSA Free**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -70C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D0J7
Preservative	0.1% Braveds MB-1
Isotype	IgG
Purity	Affinity purified
Buffer	0.2 um filtered solution in PBS, pH 7.4.

Product Description	
Description	Novus Biologicals Rabbit SARS-CoV-2 Nucleocapsid Antibody (4D0J7) - Azide and BSA Free (NBP3-05764) is a recombinant monoclonal antibody validated for use in ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	43740575
Gene Symbol	N
Species	SARS-CoV-2
Reactivity Notes	No cross-reactivity in ELISA with MERS-CoV Nucleoprotein protein and HCoV-229E Nucleoprotein protein
Immunogen	HK293 derived SARS-COV-2 Nucleocapsid Ser2-Ala419 Accession #YP_009724397.2

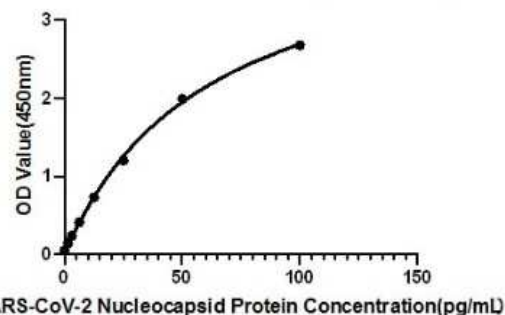
Product Application Details	
Applications	ELISA, ELISA Capture (Matched Antibody Pair), Surface Plasmon Resonance
Recommended Dilutions	ELISA, Surface Plasmon Resonance, ELISA Capture (Matched Antibody Pair) 1-4 ug/mL
Application Notes	ELISA Detection: SARS-COV-2 Nucleocapsid Protein (NBP3-05765)



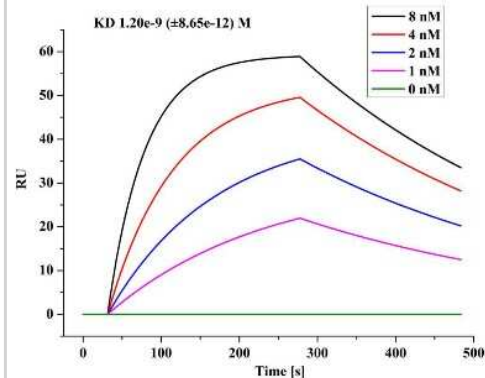
Images

ELISA: SARS-CoV-2 Nucleocapsid Antibody (ARC5077-01-02) - Azide and BSA Free [NBP3-05764] - This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

Detection of SARS-CoV-2 Nucleocapsid Protein by ELISA

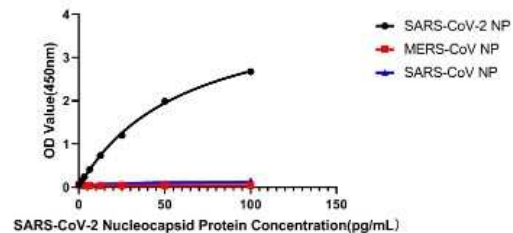


Surface Plasmon Resonance: SARS-CoV-2 Nucleocapsid Antibody (ARC5077-01-02) - Azide and BSA Free [NBP3-05764] - Cat. No. NBP3-05764, captured on COOH chip can bind AB1 with an affinity constant of 1.20nM as determined in a LSPR assay .



ELISA: SARS-CoV-2 Nucleocapsid Antibody (ARC5077-01-02) - Azide and BSA Free [NBP3-05764] - No cross-reactivity in ELISA with MERS-CoV Nucleoprotein protein and SARS Coronavirus Nucleocapsid.

Species specific binding to NP by Anti-SARS-CoV-2 NP antibody





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Products Related to NBP3-05764

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-07087	Recombinant SARS-CoV-2 Nucleocapsid His (C-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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