

Product Datasheet

SARS-CoV-2 Nucleocapsid Antibody (84C4a) NBP3-07041

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-07041**SARS-CoV-2 Nucleocapsid Antibody (84C4a)**

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	84C4a
Preservative	0.02% Sodium Azide
Isotype	IgG Kappa
Purity	Peptide affinity purified
Buffer	PBS, 50% Glycerol, 0.1% BSA

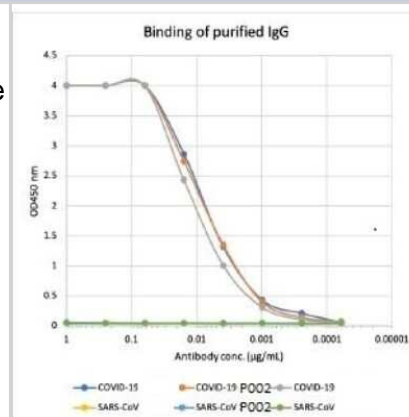
Product Description	
Host	Rabbit
Gene ID	43740575
Gene Symbol	N
Species	SARS-CoV-2
Reactivity Notes	Highly-specific to SARS-CoV-2 nucleoprotein; does not cross-react with nucleoprotein from SARS-CoV or other coronaviruses
Immunogen	SARS-CoV-2 nucleoprotein (NP) specific peptide

Product Application Details	
Applications	ELISA, Sandwich ELISA
Recommended Dilutions	ELISA, Sandwich ELISA
Application Notes	Used for specific, high-sensitivity detection of SARS-CoV-2 nucleocapsid protein (NP).

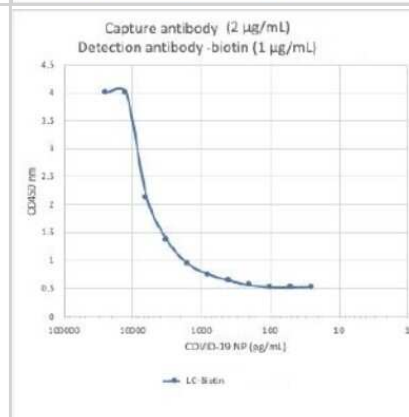


Images

ELISA: SARS-CoV-2 Nucleocapsid Antibody (84C4a) [NBP3-07041] - Microtiter wells were coated with SARS-CoV-2 Nucleocapsid and SARS-CoV Nucleocapsid at 1 ug/ml. Purified rabbit monoclonal antibodies were serially diluted 1:2 starting at 1 ug/ml, showing very strong and specific binding to SARS-CoV-2 Nucleocapsid antigen, with no significant cross-reactivity to SARS-CoV Nucleocapsid antigen.



Sandwich ELISA: SARS-CoV-2 Nucleocapsid Antibody (84C4a) [NBP3-07041] - A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid specific rabbit monoclonal antibodies: capture antibody and biotin-conjugated a detection antibody. SARS-CoV-2 Nucleocapsid was serially diluted 1:2 starting at 25 ng/ml. The capture antibody and biotin-conjugated a detection antibodies detected SARS-CoV-2 Nucleocapsid antigen at very high sensitivity as low as 100 pg/ml (100 pg).





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Products Related to NBP3-07041

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-90975	Recombinant SARS-CoV-2 Nucleocapsid His (C-Term) Protein
NBP3-11405	SARS-CoV-2 Nucleocapsid ELISA Kit (Colorimetric)

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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