

Product Datasheet

SARS-CoV-2 Nucleocapsid Antibody (D207) - Azide and BSA Free **NBP3-07038**

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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Updated 7/31/2025 v.20.1

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NBP3-07038**SARS-CoV-2 Nucleocapsid Antibody (D207) - Azide and BSA Free**

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	D207
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.5)

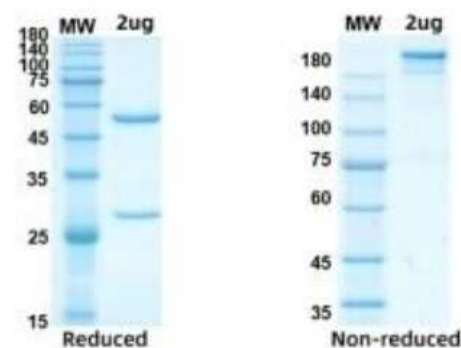
Product Description	
Host	Human
Gene ID	43740575
Gene Symbol	N
Species	SARS-CoV-2
Specificity/Sensitivity	This antibody recognizes SARS-CoV-2 Nucleocapsid protein
Immunogen	Recombinant SARS-CoV-2 Nucleocapsid protein

Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:1000 - 1:2000, ELISA 1:5000 - 1:10000, Sandwich ELISA
Application Notes	Sandwich ELISA for SARS-CoV-2 Nucleocapsid Matched Pair Antibodies. A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid antibody (NBP3-07038, 2 ug/mL) as capture antibody, a nucleocapsid recombinant protein as the binding protein, and the anti-SARS-CoV-2 Nucleocapsid antibody (NBP3-07070, 0.5 ug/mL) as the detection antibody. Secondary: Goat anti-mouse IgG HRP conjugate at 1:20000 dilution. Detection range is from 0.03 ng to 300 ng. EC50 = 4.27 ng

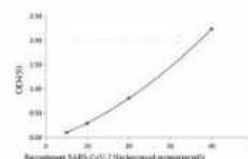


Images

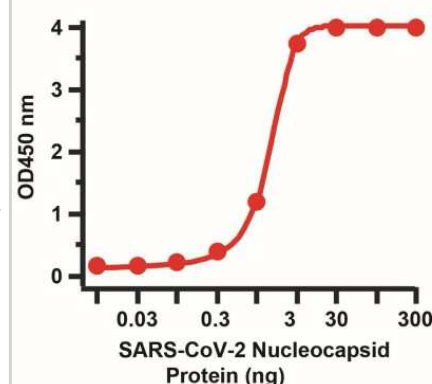
Western Blot: SARS-CoV-2 Nucleocapsid Antibody [NBP3-07038] - Coomassie blue staining of non-reduced and reduced SDS-PAGE analysis.



ELISA: SARS-CoV-2 Nucleocapsid Antibody [NBP3-07038] - SARS-CoV-2 Nucleocapsid (NBP3-07038) used as the detection antibody.



Sandwich ELISA: SARS-CoV-2 Nucleocapsid Antibody [NBP3-07038] - Sandwich ELISA for SARS-CoV-2 Nucleocapsid Matched Pair Antibodies. A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid antibody (NBP3-07038, 2 ug/mL) as capture antibody, a nucleocapsid recombinant protein as the binding protein, and the anti-SARS-CoV-2 Nucleocapsid antibody (NBP3-07070, 0.5 ug/mL) as the detection antibody. Secondary: Goat anti-mouse IgG HRP conjugate at 1:20000 dilution. Detection range is from 0.03 ng to 300 ng. EC50 = 4.27 ng



Publications

Pereira A, Vasconcelos A, Silva V et al. Natural SARS-CoV-2 Infection in a Free-Ranging Black-Tailed Marmoset (*Mico melanurus*) from an Urban Area in Mid-West Brazil Journal of Comparative Pathology [PMID: 35577455] (IF/IHC)



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Products Related to NBP3-07038

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
NBP1-97043	Human IgG Isotype Control
NBP2-90975	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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