

Product Datasheet

SARS-CoV-2 Nucleocapsid Antibody (84D7) NBP3-07042

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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NBP3-07042**SARS-CoV-2 Nucleocapsid Antibody (84D7)**

| 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 | 84D7 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG Kappa |
| Purity | Peptide affinity purified |
| Buffer | PBS, 50% Glycerol, 0.1% BSA |

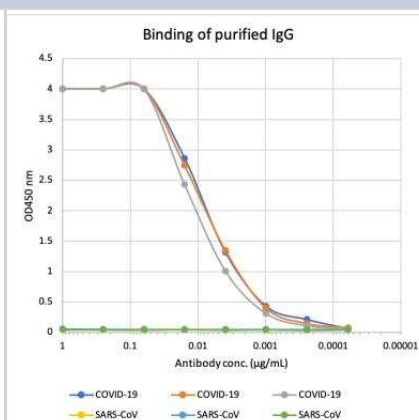
| Product Description | |
|----------------------------|---|
| Host | Rabbit |
| Gene ID | 43740575 |
| Gene Symbol | N |
| Species | SARS-CoV-2 |
| Reactivity Notes | Highly-specific to SARS-CoV-2 nucleoprotein; does not cross-react with nucleoprotein from SARS-CoV or other coronaviruses |
| Immunogen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

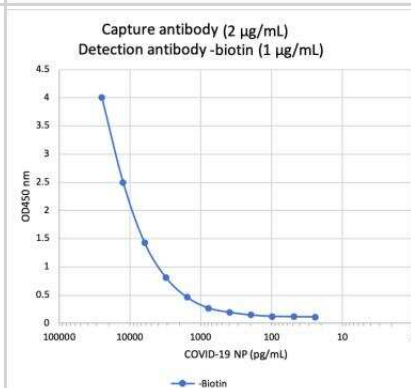


Images

ELISA: SARS-CoV-2 Nucleocapsid Antibody (84D7) [NBP3-07042] - 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, which show 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 (84D7) [NBP3-07042] - A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid specific rabbit monoclonal antibodies: capture antibody and biotin-labeled as a detection antibody. SARS-CoV-2 Nucleocapsid was serially diluted 1:2 starting at 25 ng/ml. Rabbit monoclonal antibodies capture antibody and biotin-labeled antibodies detected SARS-CoV-2 Nucleocapsid antigen at very high sensitivity as low as 25 pg/ml (25 pg).





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Products Related to NBP3-07042

| | |
|------------|--|
| 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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