

# 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.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-05764](http://www.novusbio.com/NBP3-05764)

Updated 11/12/2023 v.20.1

**Earn rewards for product reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-05764](http://www.novusbio.com/reviews/destination/NBP3-05764)



**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	
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

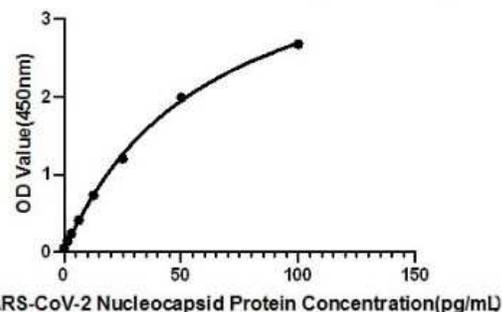
Product Application Details	
Applications	ELISA, ELISA Capture (Matched Antibody Pair), Surface Plasmon Resonance
Recommended Dilutions	ELISA, Surface Plasmon Resonance, ELISA Capture (Matched Antibody Pair) 1-4 ug/mL
Application Notes	ELISA Detection: SARS-COV-2 Nucleocapsid Protein (NBP3-05765)



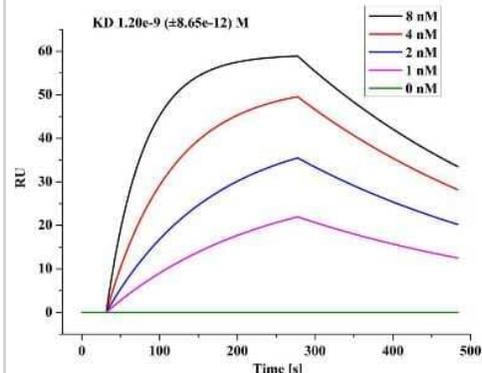
## Images

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

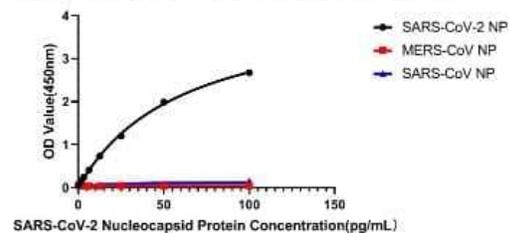


Surface Plasmon Resonance: SARS-CoV-2 Nucleocapsid Antibody (ARC5077-01-02) - Azide and BSA Free [NBP3-05764] - Cat. No. NBP3-05764, captured on COOH chip can bind AB1 with an affinity constant of 1.20nM as determined in a LSPR assay .



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





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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
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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-05764](http://www.novusbio.com/reviews/submit/NBP3-05764)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

