

# Product Datasheet

## Influenza A nucleoprotein Antibody (010) [CoraFluor™ 1] NBP3-12741CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

[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/NBP3-12741CL1](http://www.novusbio.com/NBP3-12741CL1)

Updated 8/13/2025 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/NBP3-12741CL1](http://www.novusbio.com/reviews/destination/NBP3-12741CL1)



**NBP3-12741CL1**

Influenza A nucleoprotein Antibody (010) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	010
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	<p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p>
Host	Rabbit
Species	Influenza A Virus H3N2
Reactivity Notes	<p>Pan Influenza A&lt;br/&gt;&lt;br/&gt;Has cross-reactivity in ELISA with:&lt;br/&gt;H1N1 (A/Brevig Mission/1/1918) NP&lt;br/&gt;H1N1 (A/Brisbane/02/2018) NP&lt;br/&gt;H1N1 (A/California/07/2009) NP&lt;br/&gt;H1N1 (A/Guangdong-Maonan/SWL1536/2019) NP&lt;br/&gt;H1N1 (A/Hawaii/70/2019) NP&lt;br/&gt;H1N1 (A/Michigan/45/2015) NP&lt;br/&gt;H1N1 (A/Puerto Rico/8/34/Mount Sinai) NP (I116M)&lt;br/&gt;H1N1 (A/Victoria/2570/2019)/(A/Wisconsin/588/2019) NP&lt;br/&gt;H2N2 (A/Ann Arbor/6/1960) NP&lt;br/&gt;H3N2 (A/Aichi/2/1968) NP&lt;br/&gt;H3N2 (A/Cambodia/e0826360/2020 (H3N2)-like NP&lt;br/&gt;H3N2 (A/Hong Kong/1/1968) NP&lt;br/&gt;H3N2 (A/Hong Kong/2671/2019) NP&lt;br/&gt;H3N2 (A/Hong Kong/45/2019) NP&lt;br/&gt;H3N2 (A/Hong Kong/4801/2014) NP&lt;br/&gt;H3N2 (A/Kansas/14/2017) NP&lt;br/&gt;H3N2 (A/Switzerland/9715293/2013) NP&lt;br/&gt;H7N9 (A/Anhui/1-BALF_RG6/2013) NP&lt;br/&gt;H7N9 (A/Shanghai/2/2013) NP&lt;br/&gt;Influenza B (B/Phuket/3073/2013) NP&lt;br/&gt;Influenza B (B/Brisbane/60/2008) NP&lt;br/&gt;Influenza B (B/Colorado/06/2017) NP&lt;br/&gt;&lt;br/&gt;No cross-reactivity in ELISA with:&lt;br/&gt;Influenza B (B/Florida/4/2006) NP&lt;br/&gt;Influenza B (B/Washington/02/2019) NP&lt;br/&gt;SARS-CoV-2 Nucleocapsid Protein&lt;br/&gt;HCoV-229E Nucleocapsid Protein&lt;br/&gt;HCoV-NL63 Nucleocapsid Protein&lt;br/&gt;HCoV-HKU1 Nucleocapsid Protein&lt;br/&gt;HCoV-OC43 Nucleocapsid Protein</p>



<b>Specificity/Sensitivity</b>	Widely recognize Influenza A Nucleoprotein
<b>Immunogen</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A H3N2 (Uniprot#: P22435.2; Met1-Asn498).
<b>Notes</b>	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

#### Product Application Details

<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





### **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

### **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/NBP3-12741CL1](http://www.novusbio.com/reviews/submit/NBP3-12741CL1)

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

