

# Product Datasheet

## Influenza A H1N1 Hemagglutinin Antibody (2F1A7)

**[CoraFluor™ 1]**

**NBP3-06443CL1**

Unit Size: 0.1 ml

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

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**NBP3-06443CL1**

Influenza A H1N1 Hemagglutinin Antibody (2F1A7) [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	2F1A7
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	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(IM) 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.
Host	Mouse
Species	Influenza A Virus H1N1



<b>Specificity/Sensitivity</b>	<p>No cross-reactivity in ELISA with:</p> <p>H1N1 (A/BrevigMission/1/1918) HA  H1N1 (A/Brisbane/02/2018) HA  H1N1 (A/Brisbane/59/2007) HA  H1N1 (A/Brisbane/59/2007) HA1  H1N1 (A/California/04/2009) HA  H1N1 (A/California/04/2009) HA1  H1N1 (A/California/07/2009) HA  H1N1 (A/Guangdong-Maonan/SWL1536/2019) / (A/Hawaii/70/2019) HA  H1N1 (A/Michigan/45/2015) HA  H1N1 (A/New Caledonia/20/1999) HA  H1N1 (A/Ohio/UR06-0091/2007) HA  H1N1 (A/Solomon Islands/3/2006)  H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA  H1N1 (A/WSN/1933) HA  H1N2 (A/swine/Guangxi/13/2006) HA  H1N3 (A/duck/NZL/160/1976)  H3N2 (A/Brisbane/10/2007) HA  H3N2 (A/Cambodia/e0826360/2020) HA  H3N2 (A/Hong Kong/2671/2019) HA  H3N2 (A/Hong Kong/45/2019) HA  H3N2 (A/Hong Kong/4801/2014) HA  H3N2 (A/Kansas/14/2017) HA  H3N2 (A/Singapore/INFIMH-16-0019/2016) HA  H3N2 (A/Switzerland/9715293/2013) HA  H5N1 (A/Anhui/1/2005) HA  H5N1 (A/Anhui/1/2005) HA2  Influenza B (B/Brisbane/60/2008) HA  Influenza B (B/Colorado/06/2017) HA  Influenza B (B/Florida/4/2006) HA  Influenza B (B/PHUKET/3073/2013) HA  Influenza B (B/Washington/02/2019) HA</p>
<b>Immunogen</b>	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Influenza A H1N1 (Accession#: ABD77675.1; Met 1-Gln 528).
<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

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



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### **Products Related to NBP3-06443CL1**

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NBP1-99041-50ug	Recombinant Influenza A H1N1 Hemagglutinin (A/New York/3571/2009) His Protein
NBP2-80333	Influenza A H1N1 Hemagglutinin ELISA Kit (Colorimetric)

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### **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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