

# Product Datasheet

## Influenza B Hemagglutinin Antibody (10A6E9C7)

[CoraFluor™ 1]

**NBP3-06570CL1**

Unit Size: 0.1 ml

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

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**NBP3-06570CL1**

Influenza B Hemagglutinin Antibody (10A6E9C7) [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	10A6E9C7
Preservative	No Preservative
Isotype	IgG2b
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	Mouse
Species	Virus
Reactivity Notes	<p>No cross-reactivity in ELISA with:&lt;br/&gt;&lt;br/&gt;H1N1 (A/Brisbane/59/2007) HA&lt;br/&gt;H2N2 (A/Canada/720/2005) HA&lt;br/&gt;H3N2 (A/Brisbane/10/2007) HA&lt;br/&gt;H4N4 (A/mallard/Ohio/657/2002) HA&lt;br/&gt;H5N1 (A/Anhui/1/2005) HA&lt;br/&gt;H5N8 (A/northern shoveler/California/HKWF115/2007) HA&lt;br/&gt;H7N7 (A/Netherlands/219/03) HA&lt;br/&gt;H8N4 (A/pintail duck/Alberta/114/1979) HA&lt;br/&gt;H9N2 (A/Hong Kong/1073/99) HA&lt;br/&gt;H10N3 (A/duck/Hong Kong/786/1979) HA&lt;br/&gt;H11N2 (A/duck/Yangzhou/906/2002) HA&lt;br/&gt;H12N5 (A/green-winged teal/ALB/199/1991) HA&lt;br/&gt;H13N8 (A/black-headed gull/Netherlands/1/00) HA&lt;br/&gt;H15N8 (A/duck/AUS/341/1983) HA&lt;br/&gt;H16N3 (A/black-headed gull/Sweden/5/99) HA</p>

<b>Specificity/Sensitivity</b>	<p>Has cross-reactivity in ELISA with:</p> <p>Influenza B (B/PHUKET/3073/2013) HA</p> <p>No cross-reactivity in ELISA with:</p> <p>H1N1 (A/Brisbane/02/2018) HA  H1N1 (A/Brisbane/59/2007) HA  H1N1 (A/California/04/2009) HA  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/Puerto Rico/8/1934) HA  H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA  H2N2 (A/Canada/720/2005) HA  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  H4N4 (A/mallard/Ohio/657/2002) HA  H5N1 (A/Anhui/1/2005) HA  H5N8 (A/northern shoveler/California/HKWF115/2007) HA  H7N7 (A/Netherlands/219/03) HA  H8N4 (A/pintail duck/Alberta/114/1979) HA  H9N2 (A/Hong Kong/1073/99) HA  H10N3 (A/duck/Hong Kong/786/1979) HA  H11N2 (A/duck/Yangzhou/906/2002) HA  H12N5 (A/green-winged teal/ALB/199/1991) HA  H13N8 (A/black-headed gull/Netherlands/1/00) HA  H15N8 (A/duck/AUS/341/1983) HA  H16N3 (A/black-headed gull/Sweden/5/99) HA  Influenza B (B/Brisbane/60/2008) HA  Influenza B (B/Colorado/06/2017) HA  Influenza B (B/Washington/02/2019) HA</p>
<b>Immunogen</b>	<p>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 B Hemagglutinin (Accession#: ACA33493.1; Met 1-Ala 555).</p>
<b>Notes</b>	<p>CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254</p>

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



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### **Products Related to NBP3-06570CL1**

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NBP3-11657-15Plates	Influenza B Hemagglutinin Antibody Pair [HRP]
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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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