

# Product Datasheet

## Seasonal H1N1 Nucleocapsid Protein Antibody [CoraFluor™ 1] NBP2-41114CL1

Unit Size: 0.1 ml

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

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**NBP2-41114CL1**

Seasonal H1N1 Nucleocapsid Protein Antibody [CoraFluor™ 1]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark. Do not freeze.  |
| <b>Clonality</b>                   | Polyclonal   |
| <b>Preservative</b>                | No Preservative  |
| <b>Isotype</b>                     | IgG  |
| <b>Conjugate</b>                   | CoraFluor 1  |
| <b>Purity</b>                      | Peptide affinity purified  |
| <b>Buffer</b>                      | PBS  |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | <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> |
| <b>Host</b>                        | Rabbit   |
| <b>Species</b>                     | Influenza A Virus H1N1, Virus  |
| <b>Specificity/Sensitivity</b>     | This antibody is specific for the seasonal H1N1 influenza NP and will not recognize the corresponding NP sequence from the swine-origin H1N1 influenza (A/California/14/2009 (H1N1)).  |
| <b>Immunogen</b>                   | Antibody was raised against a synthetic peptide from the seasonal H1N1 NP protein. The immunogen is located within amino acids 350 - 400 of Seasonal H1N1 Nucleocapsid Protein. Amino Acid Sequence: NMDNMGSS  |
| <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>                | ELISA  |
| <b>Recommended Dilutions</b>       | ELISA  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |





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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.

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

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