

Product Datasheet

Influenza A H1N1 Hemagglutinin ELISA Kit (Colorimetric) NBP2-80333

Unit Size: 1 Kit

Storage is content dependent.

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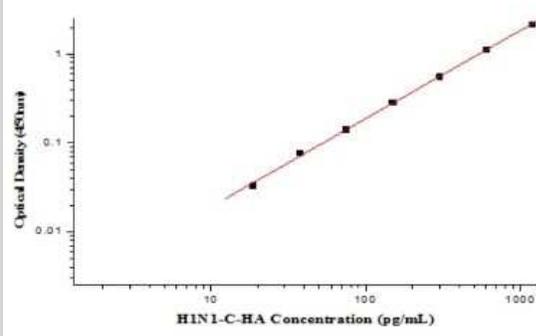


NBP2-80333**Influenza A H1N1 Hemagglutinin ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage is content dependent.
Conjugate	HRP
Product Description	
Specificity/Sensitivity	Recognizes both recombinant and natural Influenza A Haemagglutinin H1N1.
Kit Components	1. 96 well microplate coated with Capture Antibody, 2. Detection Antibody conjugated to HRP, 3. Standards, 4. Wash Buffer Concentrate, 5. Dilution Buffer Concentrate, 6. Color Reagent A, 7. Color Reagent B, 8. Stop Solution
Standard Curve Range	31.25-2000 pg/ml (example only; lot dependent)
Sensitivity	14.87 pg/ml
Inter Assay	CV% < 8.9 %
Intra Assay	CV% < 2.4
Assay Type	Sandwich ELISA
Spiking Recovery	serum (n=3): 81 -87% supernatant (n=3): 92 -111% urine (n=3): 81 -87%
Suitable Sample Type	Recombinant protein
Sample Volume	100 ul
Product Application Details	
Applications	ELISA, Sandwich ELISA
Recommended Dilutions	ELISA, Sandwich ELISA

Images

ELISA: Influenza A Haemagglutinin H1N1 ELISA Kit (Colorimetric) [NBP2-80333] - Example standard curve for Influenza A Haemagglutinin H1N1 ELISA Kit (Colorimetric). These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ELISA: Influenza A Haemagglutinin H1N1 ELISA Kit (Colorimetric) [NBP2-80333] - This assay recognizes most of recombinant H1N1 Hemagglutinin protein. With influenza A H1N1 Hemagglutinin - A/California/04/2009 as the standard, reaction of other H1N1 strains were as follows. The representative strains of other subtypes listed in the below table were prepared at 50 ng/mL in dilution buffer and assayed where no cross-reactivity was observed. Cross-reactivity was observed to be 1.13% with 50 ng/mL of recombinant influenza A H2N2 Hemagglutinin - A/Canada/720/2005 Protein

Strain	Concentration (ng/mL)	Observed Reactivity (%)	Cross-reactivity (%)
Standard: A/California/04/2009	50	100	0
A/Bangkok/1/2009	50	100	0
A/Brisbane/59/2009	50	100	0
A/California/04/2009	50	100	0
A/Canada/720/2005	50	1.13	1.13
A/England/1918/2009	50	100	0
A/Guangdong/1/2009	50	100	0
A/Hongkong/187/2009	50	100	0
A/Indonesia/05/2009	50	100	0
A/Israel/221/2009	50	100	0
A/Japan/059/2009	50	100	0
A/Mexico/474/2009	50	100	0
A/Netherlands/62/2009	50	100	0
A/Norway/555/2009	50	100	0
A/Phuket/3073/2009	50	100	0
A/Russia/409/2009	50	100	0
A/Sydney/05/2009	50	100	0
A/Texas/09/2009	50	100	0
A/Victoria/361/2009	50	100	0
A/Wuhan/359/2009	50	100	0
A/Yamalo/11/2009	50	100	0
A/Yokohama/177/2009	50	100	0
A/Zhejiang/420/2009	50	100	0
A/Finland/62/2009	50	100	0
A/Guangxi/73/2009	50	100	0
A/Hongkong/23/2009	50	100	0
A/India/33/2009	50	100	0
A/Italy/08/2009	50	100	0
A/Japan/02/2009	50	100	0
A/Korea/01/2009	50	100	0
A/Luxembourg/10/2009	50	100	0
A/Malaysia/05/2009	50	100	0
A/Mexico/179/2009	50	100	0
A/Netherlands/219/2009	50	100	0
A/Norway/555/2009	50	100	0
A/Phuket/3073/2009	50	100	0
A/Russia/409/2009	50	100	0
A/Sydney/05/2009	50	100	0
A/Texas/09/2009	50	100	0
A/Victoria/361/2009	50	100	0
A/Wuhan/359/2009	50	100	0
A/Yamalo/11/2009	50	100	0
A/Yokohama/177/2009	50	100	0
A/Zhejiang/420/2009	50	100	0
A/Finland/62/2009	50	100	0
A/Guangxi/73/2009	50	100	0
A/Hongkong/23/2009	50	100	0
A/India/33/2009	50	100	0
A/Italy/08/2009	50	100	0
A/Japan/02/2009	50	100	0
A/Korea/01/2009	50	100	0
A/Luxembourg/10/2009	50	100	0
A/Malaysia/05/2009	50	100	0
A/Mexico/179/2009	50	100	0
A/Netherlands/219/2009	50	100	0
A/Norway/555/2009	50	100	0
A/Phuket/3073/2009	50	100	0
A/Russia/409/2009	50	100	0
A/Sydney/05/2009	50	100	0
A/Texas/09/2009	50	100	0
A/Victoria/361/2009	50	100	0
A/Wuhan/359/2009	50	100	0
A/Yamalo/11/2009	50	100	0
A/Yokohama/177/2009	50	100	0
A/Zhejiang/420/2009	50	100	0





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. ELISA Kits are guaranteed for 6 months from date of receipt.

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