

CERTIFICATE OF ANALYSIS

Catalog #C01323M
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Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #:	C01323M	Lot #:	1G20822
Description:	MAb to Influenza A (NP) Monoclonal Antibody to Influenza A Nucleoprotein (NP)		
Specificity:	Reacts with Influenza Virus type A nucleoprotein. Does not cross-react with Influenza Virus type B nucleoprotein.		
Host Animal:	Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice.	Isotype:	IgG _{2b}
Source:	Ascites		
Immunogen:	Purified Influenza A/New Caledonia/20/99 (H1N1)		
Format:	Purified, Liquid		
Purification:	> 90% pure (SDS-PAGE). Protein A Chromatography		
Concentration:	5.2 mg/mL (OD280nm, E ^{0.1%} = 1.4)		
Buffer:	Phosphate Buffered Saline, pH 7.4		
Preservative:	0.09% Sodium Azide		

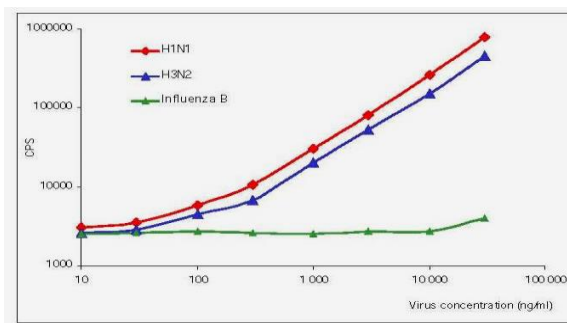
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Applications:

Suitable for use in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C01321M	C01323M



Calibration curve for Influenza A NP immunodetection in sandwich fluoroimmunoassay:

Capture: C01321M – 1 µg/well
Detection (Eu-labeled): C01323M - 0.2 µg/well

Incubation time 45 minutes.
H1N1 - Influenza A/New Caledonia/20/99
H3N2 - Influenza A/Shangdong/9/93
Influenza B – Mixture Of Influenza B Viruses
(Strains B/Qingdao/102/91, B/Tokio/53/99, B/Victoria/504/00).

Storage:

Store at 2-8°C.

Safety Notes (s):

Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:

27 Jul 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY