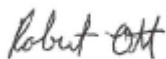


CERTIFICATE OF ANALYSIS

Important Note:	Centrifuge before opening to ensure complete recovery of vial contents.		
Catalog #:	B65247G	Lot #:	6I24913
Description:	Goat anti Influenza A M1 Goat Antibody to Influenza A Virus Matrix Protein M1 Fluorescein conjugated		
Specificity:	Influenza A matrix protein (M1). Recognizes the M1 protein for any strain of Influenza A. Conservation of the matrix protein sequence between hemagglutinin/Neuraminidase typed strains. Does not react with the M2 matrix protein. Does not react with HEP-2 cells by indirect immunofluorescence. Does not react with Influenza B, Adenovirus, Respiratory syncytial virus and Parainfluenza viruses (1–3).		
Host Animal:	Goat		
Immunogen:	Purified M1 protein, Influenza A-Phillipines (H3N2)		
Format:	FITC, Liquid		
Purification:	IgG fraction covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.		
Concentration:	4–5mg/ml (OD280nm, $E^{0.1\%} = 1.4$)		
Buffer:	0.01M PBS, pH 7.2 containing 10mg/ml BSA.		
Preservative:	0.1% Sodium azide		
Applications:	Suitable for use in direct IFA. A starting range of 1:10–1:50 is suggested. Acetone fixation of the antigen source is recommended prior to staining. Not recommended for use in IHC. 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.		
Storage:	Short-term (up to 6 months) store at 2–8°C under subdued light. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.		
Warning:	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.		
References:	The references listed below are for research purposes only. <ol style="list-style-type: none">Hui, Eric Ka-Wai, et al., (2003), "Conserved cysteine and histidine residues in the putative zinc finger motif of the influenza A virus M1 protein are not critical for influenza virus replication", <i>Journal of General Virology</i>, 84, 3105–3113.Hui, Eric Ka-Wai, et al., (2004), "Inhibition of influenza virus matrix (M1) protein expression and virus replication by U6 promoter-driven and lentivirus-mediated delivery of siRNA", <i>Journal of General Virology</i>, 85, 1877–1884.		



Signature

14 Apr 2016

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY