



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: C88200M **Lot #:** 3B03509

Description: MAb to Influenza A H5N1
Monoclonal Antibody to Influenza A H5N1 (Avian) Hemagglutinin

Specificity: Hemagglutinin protein from the H5N1 strain of avian influenza (Middle Region).

Host Animal: Mouse **Isotype:** IgG₃

Source: Ascites

Immunogen: Synthetic peptide corresponding to 14 amino acids near the middle of the Hemagglutinin protein (Genbank No. AAT76166).

Format: Affinity Purified, Liquid

Purification: Immunoaffinity Chromatography

Concentration: 1 mg/mL

Buffer: Phosphate Buffered Saline

Preservative: 0.02% Sodium Azide

Applications: Suitable for use in ELISA. It will detect 10 ng of free peptide at 1 µg/mL. 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 3 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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



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References:

The references listed below are for research purposes only:

1. Thompson, W.W., et al., (2003), "Mortality associated with influenza and respiratory syncytial virus in the United States", JAMA, **289**: 179–186.
2. Alexander, D.J., (2000), "A review of avian influenza. Proceedings of the European Society for Veterinary Virology (ESVV) Symposium on Influenza Viruses of Wild and Domestic Animals", Vet. Microbiol., **74**: 3–13.
3. Shortridge, K.F., et al., (1998), "Characterization of avian H5N1 influenza viruses from poultry in Hong Kong", Virology, **252**: 331–342.
4. Buxton Bridges, C., et al., (2000), "Risk of influenza A (H5N1) infection among health care workers exposed to patients with influenza A (H5N1), Hong Kong", J. Inf. Dis., **181**: 344–348.
5. Iwatsuki-Horimoto, K., et al., (2004), "The index influenza A virus subtype H5N1 isolated from a human in 1997 differs in its receptor-binding properties from a virulent avian influenza virus", J. Gen. Virol., **85**: 1001–1005.

Signature

09 April 2017

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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