



# Meridian

## Life Science,® Inc.

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** R88340 **Lot #:** 3F15606

**Description:** Influenza A H5N1 Neuraminidase  
Influenza A H5N1 (Avian) Neuraminidase, C-Terminal  
  
15 amino acids near the carboxy terminus of Avian influenza A (H5N1) neuraminidase (Genbank Accession No. CAC95053).

**Source:** Synthetic Peptide

**Format:** Purified, Liquid

**Concentration:** 0.2 mg/mL

**Buffer:** PBS, pH 7.2 containing 0.1% BSA.

**Preservative:** 0.02% Sodium Azide

**Applications:** Suitable for use in blocking the activity of the anti-avian influenza A (H5N1) neuraminidase antibody (Catalog #B88340R). It usually blocks the antibody activity completely in ELISA assays by incubating the peptide with equal volume of antibody for 30 minutes at 37°C. 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:** Upon receipt, store (up to one year) at 2-8°C.

**Inactivation:** Not Applicable

**Warnings:** 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 reference listed below is for research purposes only:  
1. Oh, S., et al., (2009), "Neutralizing monoclonal antibody to different clades of Influenza A H5N1 viruses", *Journal of Virological Methods*, **157**: 161-167.  
2. Shortridge, K.F., et al., (1998), "Characterization of avian H5N1 influenza viruses from poultry in Hong Kong", *Virology*, **252**:331-342.

Signature

19 September 2013

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**