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CERTIFICATE OF ANALYSIS

Important Note: Vial Contains Small Volume. Centrifuge Product Before Opening!

Catalog #: R88235 **Lot #:** 7D11507

Description: Influenza A H5N1 NS1
Influenza A H5N1 (Avian) Nonstructural Protein 1 (NS1)

Synthetic peptide corresponding to 14 amino acids near the carboxy terminus of Avian influenza NS1. Used for blocking the activity of anti-NS2 antibody (Catalog #B88235R).

Source: Synthetic

Format: Purified, Liquid

Concentration: 0.2 mg/mL (prior to lyophilization).

Buffer: Lyophilized from 10 mM Monosodium Phosphate, 10 mM Disodium Phosphate and 130 mM Sodium Chloride containing 0.1% BSA.

Preservative: 0.02% Sodium Azide

Applications: Suitable for use in ELISA. Antibody activity is usually completely blocked 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 -20°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not applicable

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 reference listed below is for research purposes only:
Krug, R.M., et al., (2003), "Intracellular warfare between human influenza viruses and human cells: the role of the viral NS1 protein", *Virology*, **309**: 181–189.

Signature

19 September 2013

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY