

# Certificate of Analysis for NR-13450

**Monoclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1), Clone 1C10 (produced *in vitro*)**

**Catalog No. NR-13450**

**Product Description:** Antibody Class: IgG2aκ

Mouse monoclonal antibody prepared against the H5 hemagglutinin (HA) of influenza virus A/Vietnam/1203/2004 (H5N1) was purified from clone 1C10 hybridoma supernatant by protein G affinity chromatography.

**Lot: 58737290**

**Manufacturing Date: 23MAR2010**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2aκ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 96.6% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.0 mg/mL
Functional Activity H5 HA ELISA <sup>1</sup> Hemagglutination inhibition assay <sup>2,3</sup> Indirect immunofluorescence assay <sup>2,4</sup> Virus microneutralization assay <sup>2,5</sup> Western blot assay <sup>2,6</sup>	Report results Report results Report results Report results Report results	Reactive Reactive Fluorescence observed Neutralizing Reactive
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

<sup>1</sup>Using 1 μg/mL of NR-13450 and Monovalent Influenza Subvirion Vaccine, rg/A/Vietnam/1203/2004 (BEI Resources NR-4143)

<sup>2</sup>Test performed by contributor

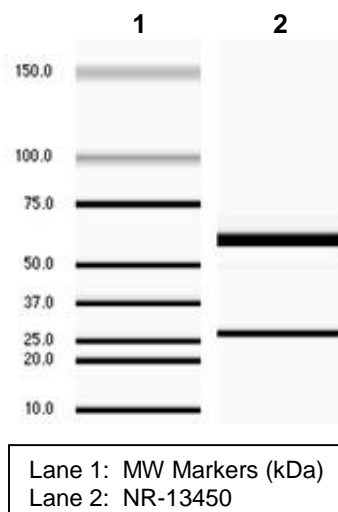
<sup>3</sup>Using 1 mg/mL of NR-13450 and influenza virus A/Vietnam/1203/2004 (H5N1)

<sup>4</sup>Using 10 μg/mL of NR-13450 and MDCK cells expressing HA from influenza virus A/Vietnam/1203/2004 (H5N1)

<sup>5</sup>Using 1 mg/mL of NR-13450 and influenza virus A/Vietnam/1203/2004 (H5N1)

<sup>6</sup>Using 10 μg/mL of NR-13450 and a lysate of MDCK cells expressing HA from influenza virus A/Vietnam/1203/2004 (H5N1)

**Figure 1 – Experion Pro260 Analysis**



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**Date:** 30 NOV 2011

**Signature:** *Dorothy C. Young*

**Title:** Technical Manager, BEI Authentication or designee

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