

Certificate of Analysis for NR-13443

Monoclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1), Clone 3F6 (produced *in vitro*)

Catalog No. NR-13443

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 3F6 hybridoma supernatant by protein G affinity chromatography.

Lot: 58737277

Manufacturing Date: 06JAN2010

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) 90.6% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.3 mg/mL
Functional Activity H5 HA ELISA ¹ Hemagglutination inhibition assay ^{2,3} Indirect immunofluorescence assay ^{2,4} Virus microneutralization assay ^{2,5} Western blot assay ^{2,6}	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

¹Using 1.3 μg/mL of NR-13443 and Monovalent Influenza Subviroin Vaccine, rg/A/Vietnam/1203/2004 (BEI Resources NR-4143)

²Test performed by contributor

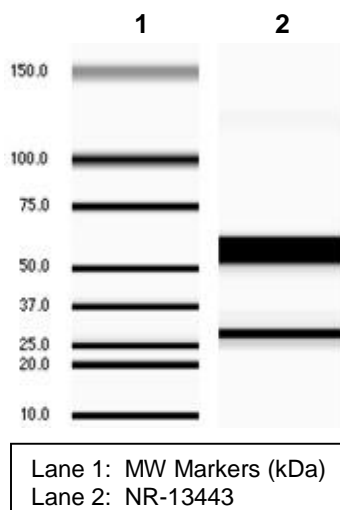
³Using 1 mg/mL of NR-13443 and influenza virus A/Vietnam/1203/2004 (H5N1)

⁴Using 10 μg/mL of NR-13443 and MDCK cells expressing HA from influenza virus A/Vietnam/1203/2004 (H5N1)

⁵Using 1 mg/mL of NR-13443 and influenza virus A/Vietnam/1203/2004 (H5N1)

⁶Using 10 μg/mL of NR-13443 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: 

Title: Technical Manager, BEI Authentication or designee

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