

Certificate of Analysis for NR-13449

Monoclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1), Clone 11F4 (produced *in vitro*)

Catalog No. NR-13449

Product Description: Antibody Class: IgG2ak

Mouse monoclonal antibody prepared against the H5 hemagglutinin (HA) of influenza virus A/Vietnam/1203/2004 (H5N1) was purified from clone 11F4 hybridoma supernatant by protein G affinity chromatography.

Lot: 60212349

Manufacturing Date: 19MAR2012

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 97.6% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.0 mg per mL
Functional Activity ¹ H5 HA ELISA ² Hemagglutination inhibition assay ³ Western blot assay ⁴	Report results Report results Report results	Reactive Reactive Reactive
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

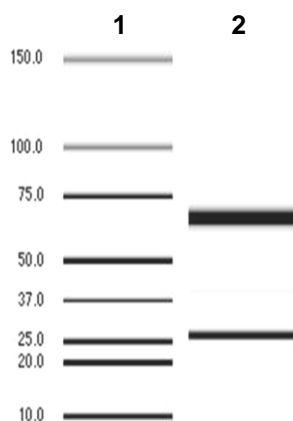
¹Testing performed by contributor

²Using baculovirus-expressed recombinant H5 HA from influenza virus A/Vietnam/1203/2004 (H5N1)

³Using influenza virus A/Vietnam/1203/2004 (H5N1)

⁴Using baculovirus-expressed recombinant H5 HA from influenza virus A/Vietnam/1203/2004 (H5N1) under reducing and denaturing conditions

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-13449

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Date: 15 NOV 2013

Signature: *Michael R. Gynther*

Title: Technical Manager, BEI Authentication or designee

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