Certificate of Analysis for NR-2736

Monoclonal Anti-Influenza Virus H5 Hemagglutinin (HA) Protein (VN04-9), A/Vietnam/1203/04 (H5N1), (ascites, Mouse)

Catalog No. NR-2736

This reagent is the property of the U.S. Government.

Product Description:

Mouse monoclonal antibody specific to a recombinant form of the H5 hemagglutinin (HA) protein (GenPept: AAT73274) of the A/Vietnam/1203/04 (H5N1) strain of influenza virus was produced in mouse ascites. Sodium azide (0.02%) and gentamycin (0.01%) were added to the pooled ascites fluid prior to vialing and lyophilization.

Lot: 7497759 **Manufacturing Date: 21MAR2006**

TEST	SPECIFICATIONS	RESULTS
Protein Concentration by Spectrophotometer at OD_{280}[1]	Report results	0.15 units/mL
Functional Activity Hemagglutination inhibition (HI) titer with A/Vietnam/1203/04[1-3]	Report results	1:12800
HI assay with reference antigens representing 14 other HA subtypes[3,4]	Specific to H5 HA subtype	Specific to H5 HA subtype
HI titers with H5 HA influenza viruses[1-3]	Report results A/Hong Kong/156/97 A/Hong Kong/213/03 A/Vietnam/HN30408/05 A/chicken/Indonesia/PA03/03 A/Indonesia/05/05 A/Indonesia/06/05 A/duck/Singapore/3/97 A/chicken/Jogjakarta/BBVET/IX/04 A/chicken/Malang/BBVET/IV/04	 1:6400 1:3200 1:3200 1:400 1:400 1:400 1:200 1:100 1:100
Sterility	Report results	Low bioburden
Mycoplasma Contamination Agar and broth culture	None detected	None detected

[1]Pre-vialing result using pooled, bulk material.
[2]Similar results were obtained post-vialing with A/Vietnam/1203/04 and a subset of the other listed H5 HA viruses.
[3]HI assays were performed in microtiter plates with 0.5% chicken red blood cells.
[4]Post-vialing result.

Date: 09 APR 2008 **Signature:** Signature on File

Title: Technical Manager, BEI Authentication or designee

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