b|e|i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-2735

Monoclonal Anti-Influenza Virus H5 Hemagglutinin (HA) Protein (VN04-9), A/Vietnam/1203/2004 (H5N1), (ascites, Mouse)

Catalog No. NR-2735

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/1203/2004 (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: 7497751 **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/1203/2004[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/156/1997 A/Hong Kong/213/2003 A/Vietnam/HN30408/2005 A/chicken/Indonesia/PA03/2003 A/Indonesia/05/2005 A/Indonesia/06/2005 A/duck/Singapore/3/1997 A/chicken/Jogjakarta/BBVET/IX/2004 A/chicken/Malang/BBVET/IV/2004	 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/1203/2004 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: 11 SEP 2014 **Signature:**

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor or vendor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.
You are authorized to use this product for research use only. It is not intended for human use.

Support Provided by NIAID

BEI Resources
www.beiresources.org

E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898

© 20062008/2014 American Type Culture Collection (ATCC). All rights reserved.