

## **Certificate of Analysis for NR-10274**

Polyclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1) and A/Hong Kong/213/2003 (H5N1) (antiserum, Goat)

Catalog No. NR-10274

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

**Product Description:** Antiserum to the H5 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with a plasmid encoding the HA gene from A/Vietnam/1203/2004 (H5N1) followed by immunization with baculovirus-expressed HA proteins from both A/Vietnam/1203/2004 (H5N1) and A/Hong Kong/213/2003 (H5N1).

Lot: 58253166 Manufacturing Date: 15FEB2006

TEST	SPECIFICATIONS	RESULTS
Functional Activity <sup>1</sup> Hemagglutinin inhibition (HI) titer A/Vietnam/1203/2004 (H5N1) A/Hong Kong/213/2003 (H5N1)	Report results Report results	1:320 1:640
HI assay with reference antigens representing all 16 HA subtypes	Specific to H5 HA subtype	Specific to H5 HA subtype
HI titers with H5 HA influenza viruses	Reactive within H5 HA subtype A/Indonesia/5/2005 A/whooper swan/Mongolia/244/2005 A/Japanese white-eye/Hong Kong/1038/2006	Reactive within H5 HA subtype 1:160 1:160 1:160
Sterility	Report results	Low bioburden

<sup>&</sup>lt;sup>1</sup>Performed on bulk material prior to vialing

Date: 24 JAN 2014 Signature:

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

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