

**Human Reference Antiserum to Influenza A/Indonesia/05/2005 (H5N1), Low Titer**

**Catalog No. NR-33667**

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

**Product Description:** NR-33667 consists of pooled polyclonal antisera from humans immunized intramuscularly with two doses of an inactivated monovalent subvirion investigational influenza vaccine, A/Indonesia/05/2005 PR8-IBCDC-RG2 (H5N1) (clade 2.1.3).

**Lot: 60864514**

**Manufacturing Date: MAR2009 to NOV2009**

TEST	SPECIFICATIONS	RESULTS
<b>Hemagglutinin Inhibition (HI) Titers<sup>1-3</sup></b>		
Clade 1		
rgA/Hong Kong/213/2003 (H5N1)	Report results	1:40
rgA/Vietnam/1203/2004 (H5N1)	Report results	< 1:10
Clade 2.1		
rgA/duck/Hunan/795/2002 (H5N1)	Report results	1:20
Clade 2.1.3		
<b>rgA/Indonesia/05/2005 (H5N1)</b>	<b>Report results</b>	<b>1:20</b>
Clade 2.2		
rgA/whooper swan/Mongolia/244/2005 (H5N1)	Report results	1:20
rgA/bar-headed goose/Qinghai/1A/2005 (H5N1)	Report results	1:20
Clade 2.3.4		
rgA/Anhui/1/2005 (H5N1)	Report results	1:40
rgA/duck/Laos/3295/2006 (H5N1)	Report results	< 1:10
rgA/Japanese white eye/Hong Kong/1038/2006 (H5N1)	Report results	< 1:10
Clade 4		
rgA/goose/Guiyang/337/2006 (H5N1)	Report results	< 1:10
<b>Serum Neutralizing Antibody Titers<sup>1,2,4</sup></b>		
Clade 1		
rgA/Vietnam/1203/2004 (H5N1)	Report results	1:20
Clade 2.1.3		
<b>rgA/Indonesia/05/2005 (H5N1)</b>	<b>Report results</b>	<b>1:67</b>
Clade 2.2		
rgA/bar-headed goose/Qinghai/1A/2005 (H5N1)	Report results	1:20
Clade 2.3.4		
rgA/Anhui/1/2005 (H5N1)	Report results	1:80

<sup>1</sup> Assay was conducted in the laboratory of Robert G. Webster, Ph.D., St. Jude Children's Research Hospital.

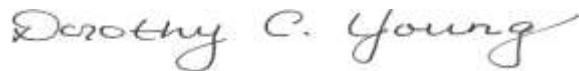
<sup>2</sup> Homologous titers are indicated in bold.

<sup>3</sup> Using 0.5% chicken red blood cells

<sup>4</sup> The serum dilution that inhibited 50% of the HA activity of 100 TCID<sub>50</sub> of virus in MDCK cells is shown.

**Date:** 17 JUL 2012

**Signature:**



**Title:**

Technical Manager, BEI Authentication or designee

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