

Monoclonal Antibody Panel, Anti-Influenza A Virus H5 Hemagglutinin, A/Vietnam/1203/2004 (H5N1)

Catalog No. NR-4286

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Product Description:

NR-4286 is a panel of six monoclonal antibodies that are specific to a recombinant form of the H5 hemagglutinin (HA) protein (GenPept: AAT73274) of the A/Vietnam/1203/2004 (H5N1) strain of influenza A virus. The monoclonal antibodies were produced in mouse ascites.

Lot: 7701150

Manufacturing Date: 21MAR2006

TEST	RESULTS					
	NR-2728	NR-2731	NR-2734	NR-2737	NR-2740	NR-2743
Protein Concentration (Units/mL) by Spectrophotometer at OD₂₈₀¹	0.18	0.15	0.15	0.22	0.16	0.17
Functional Activity						
Hemagglutination inhibition (HI) titer with A/Vietnam/1203/2004 (H5N1) ¹⁻³	1:6400	1:1600	1:12800	1:3200	1:6400	1:1600
HI assay with reference antigens representing 14 other HA subtypes ^{3,4}	H5-specific	H5-specific	H5-specific	H5-specific	H5-specific	H5-specific
HI titers with H5 HA influenza viruses ¹⁻³						
A/Hong Kong/213/2003 (H5N1)	1:25600	1:12800	1:6400	1:25600	1:6400	1:12800
A/Hong Kong/156/1997 (H5N1)	1:12800	1:3200	1:3200	1:6400	1:6400	1:3200
A/Vietnam/HN30408/2005 (H5N1)	1:1600	1:3200	1:3200	1:6400	1:6400	1:3200
A/chicken/Malang/BBVet-IV/2004 (H5N1)	1:1600	1:1600	1:400	1:6400	1:3200	1:3200
A/chicken/Indonesia/PA03/2003 (H5N1)	1:800	<1:100	1:400	1:3200	1:3200	1:1600
A/Indonesia/6/2005 (H5N1)	1:800	<1:100	1:400	1:3200	1:3200	1:1600
A/duck/Singapore/3/1997 (H5N1)	1:800	<1:100	1:200	1:3200	1:400	1:400
A/chicken/Jogjakarta/BBVet-IX/2004 (H5N1)	1:100	<1:100	1:100	1:3200	1:200	1:400
A/Indonesia/5/2005 (H5N1)	<1:100	<1:100	1:100	1:1600	1:100	1:200
Sterility	Low bioburden	Low bioburden	Low bioburden	Low bioburden	Low bioburden	Low bioburden
Mycoplasma Contamination Agar and broth culture	None detected	None detected	None detected	None detected	None detected	None detected

¹Pre-vialing result using pooled, bulk material.

²Similar results were obtained post-vialing with A/Vietnam/1203/2004 and a subset of the other listed H5 HA viruses.

³HI assays were performed in microtiter plates with 0.5% chicken red blood cells.

⁴Post-vialing result

Date: 07 APR 2014

Signature:



Title:

Technical Manager, BEI Authentication or designee

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