

Monoclonal Antibody Panel, Anti-Influenza A Virus H9 Hemagglutinin (HA) Protein

Catalog No. NR-9691

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Product Description:

The monoclonal antibody panel, NR-9691, consists of six monoclonal antibodies (MAbs): 1) G9-25, G1-26 and 1073-9 directed against the hemagglutinin (HA) protein of influenza A virus, A/chicken/Hong Kong/G9/1997 (H9N2), A/quail/Hong Kong/G1/1997 (H9N2), and A/Hong Kong/1073/1999 (H9N2), respectively, and 2) MAbs 15F1, 18G4 and 2F4 directed against the HA of influenza A virus A/duck/Hong Kong/Y280/1997 (H9N2). All monoclonal antibodies were produced in mouse ascites.

Lot: 58169115

Manufacturing Date: 28DEC2007

TEST	RESULTS					
	NR-9482	NR-9485	NR-9488	NR-9491	NR-9494	NR-9497
Antibody Class	IgG2.k, IgA.k	IgG1.k	IgG1.k, IgM.k	IgG2b.k	IgG2b.k	IgG2b.k
Functional Activity¹						
HI titers with H9 HA influenza viruses						
Eurasian avian						
Korea-like lineage						
A/chicken/Korea/25232-96006/1996 (H9N2)	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100
G1-like lineage						
A/quail/Hong Kong/G1/1997 (H9N2)	1:3200	1:12800	1:800	< 1:100	< 1:100	< 1:100
A/Hong Kong/1073/1999 (H9N2)	1:3200	1:12800	< 1:100	< 1:100	1:100	< 1:100
Chicken Beijing-like subgroup 1						
A/chicken/Beijing/1/1994 (H9N2)	< 1:100	< 1:100	< 1:100	< 1:100	1:100	1:100
A/Hong Kong/2108/2003 (H9N2)	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100
Chicken Beijing-like subgroup 2						
A/duck/Hong Kong/Y280/1997 (H9N2)	1:3200	1:200	< 1:100	1:6400	1:6400	1:12800
A/chicken/Hong Kong/G9/1997 (H9N2)	1:25600	1:800	1:1600	1:51200	1:25600	1:204800
A/chicken/Hong Kong/FY23/2003 (H9N2)	1:12800	1:800	1:1600	1:25600	1:25600	1:51200
North American avian ²						
A/shorebird/Delaware/554/2007 (H9N2)	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100
Other viruses						
A/ostrich/South Africa/9508103/1995 (H9N2)	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100
A/chicken/Pakistan/2/1999 (H9N2)	1:1600	1:400	< 1:100	< 1:100	1:200	1:100
A/turkey/Shadmot Dvorah/1567/2004 (H9N2)	1:6400	1:12800	< 1:100	< 1:100	1:1600	1:400
A/falcon/United Arab Emirates/897/2007 (H9N2)	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100	< 1:100
A/chicken/Hebei/3/1998 (H9N2)	1:1600	1:100	< 1:100	1:6400	1:6400	1:12800
A/chicken/Hong Kong/FY313/2000 (H9N2)	1:12800	1:800	1:800	1:51200	1:12800	1:25600
HI assay with reference antigens representing all 16 HA subtypes	Specific to H9 HA subtype	Specific to H9 HA subtype	Specific to H9 HA subtype	Specific to H9 HA subtype	Specific to H9 HA subtype	Specific to H9 HA subtype
Sterility	Low bioburden	Low bioburden	Low bioburden	Low bioburden	Low bioburden	Low bioburden

¹HI assays were performed in microtiter plates with 0.5% chicken red blood cells.

Certificate of Analysis for NR-9691

²No reactivity was observed with several viruses of North American lineage; only one is shown as an example.

Date: 07 APR 2014

Signature:



Title: Technical Manager, BEI Authentication or designee

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