

Polyclonal Anti-Influenza Virus H10 Hemagglutinin (HA), A/chicken/Jiangxi/34609/2013 (H10N8) (antiserum, Goat)

Catalog No. NR-50500

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Product Description: Antiserum to the H10 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with bromelain-released HA protein from influenza A/chicken/Jiangxi/34609/2013 (H10N8).

Lot: 70010662

Manufacturing Date: 25AUG2016

TEST	SPECIFICATIONS	RESULTS
Functional Activity¹		
Hemagglutinin inhibition (HI) titer with homologous virus A/chicken/Jiangxi/34609/2013 (H10N8)	Report results	1:640
HI assay with antigens representing 15 HA subtypes ²	Specific to H10 HA subtype	Specific to H10 HA subtype
HI titers with H10 influenza virus ²		
North American Lineage:		
A/ruddy turnstone/Delaware/579/2008 (H10N7)	Report results	1:640
A/shorebird/Delaware/327/2009 (H10N1)	Report results	1:80
A/laughing gull/Delaware/209/2013 (H10N8)	Report results	1:80
A/mallard/Alberta/464/2015 (H10N7)	Report results	1:640
Eurasian Lineage:		
A/mallard/Netherlands/10240/2002 (H10N7)	Report results	1:640
Oceania Lineage:		
A/chicken/NSW-Sydney/D809/2010 (H10N7)	Report results	1:640
A/chicken/Queensland/1/2012 (H10N7)	Report results	1:640
A/ruddy turnstone/King Island/7104CP/2014 (H10N8)	Report results	1:640
Sterility	Report results	Low bioburden

¹HI assays were performed with 0.5% chicken red blood cells (CRBC).

²Treatment with 6 parts of receptor destroying enzyme (RDE; Denka Seiken Co., LTD) in PBS to 1 part sera at 37°C overnight, followed by heat-inactivation at 56°C for 60 minutes, then addition of 3 parts PBS, is needed to remove non-specific inhibitors of hemagglutination.

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