

Polyclonal Anti-Influenza A Virus H1 Hemagglutinin (HA), A/swine/Illinois/B1512DTW14/2015 (H1N1) (antiserum, Goat)

Catalog No. NR-51410

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Product Description: Antiserum to the H1 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with bromelain-released HA protein from influenza A/swine/Illinois/B1512DTW14/2015 (H1N1).

Lot: 70019563

Manufacturing Date: 27JUL2018

TEST	SPECIFICATIONS	RESULTS
Functional Activity¹		
Hemagglutinin inhibition (HI) titer with homologous virus A/swine/Illinois/B1512DTW14/2015 (H1N1)	Report results	1:10240
HI assay with antigens representing 16 HA subtypes ²	Specific to H1 HA subtype	Specific to H1 HA subtype
HI titers with H1 influenza virus ²		
Human types:		
A/Brisbane/59/2007 (H1N1)	Report results	< 20
A/California/04/2009 (H1N1)	Report results	> 2560
Avian Lineage:		
A/pintail/Alberta/69/2005 (H1N1)	Report results	< 20
A/mallard/Minnesota/A07100/2007 (H1N1)	Report results	< 20
A/mallard/Ohio/4809/2008 (H1N1)	Report results	1:80
Swine Lineage:		
A/swine/Iowa/003479/2009 (H1N1)	Report results	1:10240
A/swine/Denmark/10845-1/2012 (H1N2)	Report results	1:10240
Sterility	Report results	Low bioburden

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

²Treatment with 3 parts of receptor destroying enzyme (RDE; Denka Seiken Co., LTD) in phosphate buffered saline (PBS) to 1 part sera at 37°C overnight, followed by heat-inactivation at 56°C for 45 minutes, then addition of 6 parts PBS, is needed to remove non-specific inhibitors of hemagglutination.

/Heather Couch/

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Program Manager or designee, ATCC Federal Solutions

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