

Polyclonal Anti-Influenza A Virus H9 Hemagglutinin (HA), A/bat/Egypt/381OP/2017 (H9N2) (antiserum, Goat)

Catalog No. NR-51971

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Product Description:

Antiserum to the H9 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with bromelain-released HA protein derived from recombinant influenza A/bat/Egypt/381OP/2017 (H9N2) × influenza A/Puerto Rico/8/1934 (H1N1) (6+2).

Lot: 70029887

Manufacturing Date: 04SEP2019

TEST	SPECIFICATIONS	RESULTS
Functional Activity¹		
Hemagglutinin inhibition (HI) titer with homologous virus A/bat/Egypt/381OP/2017 (H9N2)	Report results	1:5120
HI assay with antigens representing 16 HA subtypes ² HI titers with H9 influenza virus ²	Specific to H9 HA subtype	Specific to H9 HA subtype
Human types:		
A/Hong Kong/33982/2009 (H9N2) × PR8 (6+2)-IDCDC-RG-26	Report results	1:2560
A/Bangladesh/0994/2011 (H9N2)-IDCDC-RG-31	Report results	1:2560
A/Hong Kong/308/2014 (H9N2) × PR8 (6+2)	Report results	1:5120
Avian Lineage (North American):		
A/ruddy turnstone/Delaware/253/2011 (H9N7)	Report results	1:80
A/mallard/Chile/C14592/2016 (H9N2)	Report results	1:640
A/ruddy turnstone/Delaware/527/2017 (H9N2)	Report results	1:80
Avian Lineage (Eurasian):		
A/quail/UAE/D1556/2011 (H9N2)	Report results	1:80
A/chicken/Bangladesh/10450/2011 (H9N2)	Report results	1:1280
A/quail/Bangladesh/19462/2013 (H9N2)	Report results	1:320
Sterility	Report results	Low bioburden

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

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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24 MAR 2020

Program Manager or designee, ATCC Federal Solutions

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