

Polyclonal Anti-Influenza Virus H7 Hemagglutinin (HA), A/Guangdong/17SF003/2016 (H7N9) (antiserum, Goat)

Catalog No. NR-51349

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Product Description: Antiserum to the H7 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with baculovirus expressed H7 HA protein from influenza A/Guangdong/17SF003/2016 (H7N9).

Lot: 70016765

Manufacturing Date: 25APR2018

TEST	SPECIFICATIONS	RESULTS
Functional Activity¹⁻³		
Hemagglutinin inhibition (HI) titer with homologous virus A/Guangdong/17SF003/2016 (H7N9)	Report results	1:320
HI assay with antigens representing 16 HA subtypes	Specific to H7 HA subtype	Specific to H7 HA subtype
HI titers with H7 influenza virus		
A/turkey/Minnesota/1193/1980 (H7N3)	Report results	1:40
A/chicken/New York/116124/2003 (H7N2)	Report results	1:80
rg A/Netherlands/219/2003 (H7N1) x A/Puerto Rico/8/1934	Report results	1:80
rg A/Canada/RV444/2004 (H7N3) x A/Puerto Rico/8/1934	Report results	1:80
rg A/Anhui/1/2013 (H7N9) x A/Puerto Rico/8/1934	Report results	1:320
A/Hong Kong/61/2016 (H7N9)	Report results	1:1280
A/chicken/Hong Kong/Y084/2016 (H7N9)	Report results	1:640
A/Hong Kong/125/2017 (H7N9)	Report results	1:320
Sterility	Report results	Low bioburden

¹Tests performed at St. Jude Children's Research Hospital

²HI assays were performed with 0.5% chicken red blood cells (CRBC).

³Treatment of serum 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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18 DEC 2018

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