

Polyclonal Anti-Influenza A Virus H4 Hemagglutinin (HA), A/mallard/Alberta/455/2015 (H4N6) (antiserum, Goat)

Catalog No. NR-51172

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Product Description: Antiserum to the H4 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with bromelain-released HA protein from influenza A/mallard/Alberta/455/2015 (H4N6).

Lot: 70011623

Manufacturing Date: 21SEP2017

TEST	SPECIFICATIONS	RESULTS
Functional Activity¹ Hemagglutinin inhibition (HI) titer with homologous virus A/mallard/Alberta/455/2015 (H4N6) HI assay with antigens representing 16 HA subtypes ² HI titers with H4 influenza virus ² Avian (North American) Lineage: A/ruddy turnstone/Delaware/373/2008 (H4N6) A/shorebird/Delaware/315/2008 (H4N6) A/north shoveler/Missouri/14os4354/2015 (H4N6) A/mallard/Illinois/14os3635/2015 (H4N2) A/blue-winged teal/Ohio/14OS1095/2015 (H4N8) Avian (Eurasian) Lineage: A/duck/Hong Kong/365/1978 (H4N6) A/quail/Nanchang/2-0579/2000 (H4N6/N8) A/duck/Taiwan/10-22/2000 (H4N2) A/mule duck/Bulgaria/402/2009 (H4N2)	Report results Specific to H4 HA subtype Report results Report results Report results Report results Report results Report results Report results Report results Report results	1:320 Specific to H4 HA subtype 1:160 1:160 1:320 1:640 1:640 1:640 1:160 1:320 1:160
Sterility	Report results	Low bioburden

¹HI assays were performed with 0.5% turkey red blood cells (TRBC).

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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