

Polyclonal Anti-Influenza A Virus H1 Hemagglutinin (HA), A/Victoria/2570/2019 (H1N1)pdm09 (antiserum, Goat)

Catalog No. NR-58984

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Product Description:

Antiserum to the H1 hemagglutinin (HA) from influenza virus was produced by serial immunization of a goat with recombinant baculovirus-expressed H1 HA protein derived from A/ Victoria/2570/2019 (H1N1)pdm09 influenza virus.

Lot: 70057933

Manufacturing Date: 14MAR2023

TEST	SPECIFICATIONS	RESULTS
Functional Activity ^{1,2,3} Hemagglutinin inhibition (HI) titer with homologous virus A/ Victoria/2570/2019 (H1N1)pdm09. HI assay with antigens representing 16 HA subtypes HI titers with H1 influenza virus A/Brisbane/59/2007 (H1N1) A/California/04/2009 (H1N1) A/Memphis/10/2018 (H1N1) A/Memphis/21/2020 (H1N1) A/Memphis/30/2020 (H1N1) A/Swine/Illinois/B1512DTW14/2015 (H1N1) A/Swine/Illinois/B1707DTW16/2017 (H1N1)	Report results Specific to H1 HA subtype Report results Report results Report results Report results Report results Report results	1:320 Specific to H1 HA subtype < 1:20 1:40 1:160 1:80 1:40 < 1:20 < 1:20
Sterility	Report results	Low bioburden

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

²HI assays were performed with 0.5% turkey red blood cells.

³Treatment with receptor destroying enzyme (RDE; Denka Seiken Co., LTD) at 37°C overnight, followed by heat-inactivation at 56°C for 45 minutes, is needed to remove non-specific inhibitors of hemagglutination.

/Sonia Bjorum Brower/

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23 MAY 2023

Technical Manager or designee, ATCC Federal Solutions

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