

H7 Hemagglutinin (HA) Protein from Influenza Virus, A/Netherlands/219/2003 (H7N7), Recombinant from Baculovirus

Catalog No. NR-2633

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Product Description: The H7 hemagglutinin (HA) protein from influenza virus A/Netherlands/219/2003 (H7N7) is a full-length glycosylated recombinant protein that was produced in Sf9 insect cells using a baculovirus expression vector system.¹ The recombinant H7 HA protein was purified using conventional chromatographic techniques.

Lot: 61332626

Manufacturing Date: OCT2012

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue Densitometer Scan)	Report results	HA bands (HA0, HA1, HA2) account for > 90% of total density
Protein Concentration by Bicinchoninic Acid Assay	Report results	Approximately 280 µg per mL (OCT2012)
Functional Activity Hemagglutination titer using 0.5% chicken red blood cells	Report results	1:2560
Hemagglutination inhibition (HI) assay ² using polyclonal antiserum to 16 HA subtypes ¹	Report results	Specific to H7 HA subtype
HI titers ² using polyclonal antiserum to H7 HA subtype	Report results	1:2560
A/FPV/Rostock/1934 (H7N1) goat antiserum	Report results	1:160
A/Canada/RV444/2004 (H7N3) goat antiserum	Report results	1:1280
A/Netherlands/219/2003 (H7N7) goat antiserum	Report results	1:1280
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹U.S. Patent Numbers 5,762,939 and 6,103,526.

²Serum samples were incubated overnight with receptor-destroying enzyme and heated for 30 minutes at 56°C.

Date: 16 APR 2014

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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