

H7 Hemagglutinin (HA) Protein from Influenza Virus, A/Canada/rv444/2004 (H7N3), Recombinant from Baculovirus

Catalog No. NR-12073

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Product Description: H7 hemagglutinin (HA) protein from influenza virus A/Canada/rv444/2004 (H7N3) is a full-length glycosylated recombinant protein that was produced in Sf9 insect cells using a baculovirus expression vector system.¹ Recombinant H7 HA protein was purified under conditions that preserve its biological activity and tertiary structure.

Lot: 58521581

Manufacturing Date: OCT2008

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	Report results	HA0 band accounts for > 90% of total density
Protein Concentration by Bicinchoninic Acid Assay	Report results	400 µg per mL (OCT2008)
Functional Activity Hemagglutination titer using 0.5% chicken red blood cells	Report results	1:20480
Hemagglutination inhibition (HI) assay ² using polyclonal antiserum to 16 HA subtypes ²	Specific to H7 HA subtype	Specific to H7 HA subtype
HI titers ² using polyclonal antiserum to H7 HA subtype	Report results	< 1:40
A/equine/Prague/1/1956 (H7N7) goat antiserum	Report results	1:5120
A/FPV/Rostock/1934 (H7N1) goat antiserum	Report results	1:2560
A/Netherlands/219/2003 (H7N7) goat antiserum	Report results	1:160
A/turkey/Oregon/1971 (H7N3) rabbit antiserum	Report results	1:160
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized
Endotoxin Content	Report results	< 12.5 EU per mL

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: 01 MAY 2014

Signature:



Title:

Technical Manager, BEI Authentication or designee

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