

H7 Hemagglutinin (HA) Protein from Influenza Virus, A/Netherlands/219/03 (H7N7), Recombinant from Baculovirus

Catalog No. NR-2633

This reagent is the tangible property of the U.S. Government.

Product Description: H7 hemagglutinin (HA) protein from influenza virus A/Netherlands/219/03 (H7N7) 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: 58520574

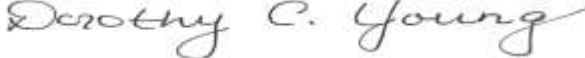
Manufacturing Date: JAN2006

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue Densitometer Scan)	Report results	Major band ~ 67 kDa (H0) Minor band ~ 120 kDa
Protein Concentration by Bicinchoninic Acid Assay	Report results	643 µg per mL (JAN2006)
Functional Activity Hemagglutination titer using 0.5% chicken red blood cells	Report results	1:10240
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 A/equine/Prague/1/1956 (H7N7) goat antiserum A/FPV/Rostock/1934 (H7N1) goat antiserum A/Netherlands/219/2003 (H7N7) goat antiserum A/turkey/Oregon/1971 (H7N3) rabbit antiserum	Report results Report results Report results Report results	< 1:40 > 1:5120 1:1280 1:40
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized
Endotoxin Content	Report results	< 10 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

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

