

H1 Hemagglutinin (HA) Protein from Influenza Virus, A/California/04/2009 (H1N1), Recombinant from Baculovirus

Catalog No. NR-15258

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

Product Description: H1 hemagglutinin (HA) protein from influenza virus A/California/04/2009 (H1N1) is a full-length glycosylated recombinant protein that was produced in Sf9 insect cells using a baculovirus expression vector system.¹ Recombinant H1 HA protein was purified under conditions that preserve its biological activity and tertiary structure.

Lot: 58726487

Manufacturing Date: JUL2009

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	Report results	HA0, HA1 and HA2 account for > 90% of total density
Concentration by Bicinchoninic Acid Protein Assay	Report results	300 µg/mL (JUL2009)
Functional Activity² Hemagglutination titer using 0.5% chicken red blood cells Western blot analysis ³ ELISA	Report results Report results Report results	No hemagglutination activity Reactive Reactive within the H1 HA subtype
Sterility	0.22 µm sterile filtered	0.22 µm sterile filtered
Endotoxin Content	Report results	< 20 EU/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.

³Performed on bulk material prior to vialing

Date: 24 JAN 2014

Signature: *Dorothy C. Young*

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.

