

Certificate of Analysis for NR-15171

H3 Hemagglutinin (HA) Protein from Influenza Virus, A/Wisconsin/67/2005 (H3N2), Recombinant from Baculovirus

Catalog No. NR-15171

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

Product Description: The H3 hemagglutinin (HA) protein from influenza virus A/Wisconsin/67/05 (H3N2) is a full-length glycosylated recombinant protein that was produced in Sf9 insect cells using a baculovirus expression vector system.¹ The recombinant H3 HA protein was purified under conditions that preserve its biological activity and tertiary structure.

Lot: 61074374 Manufacturing Date: JUN2011

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	≥ 90% pure	> 90% pure
Concentration by Bicinchoninic Acid Protein Assay	Report results	947 µg per mL
HA Activity	Report results	40 HA units per μg
Endotoxin Content	Report results	< 1.25 EU per mL
Bioburden	Report results	< 10 colony-forming units per mL

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

Date: 15 AUG 2012 **Sig**i

Signature: C. Jourg

Title: Technical Manager, BEI Authentication or designee

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