

## **Certificate of Analysis for NR-2668**

## H2 Hemagglutinin (HA) Protein from Influenza Virus, A/Singapore/1/1957 (H2N2), Recombinant from baculovirus

## Catalog No. NR-2668

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

**Product Description:** Recombinant H2 hemagglutinin (HA) protein from influenza virus A/Singapore/1/1957 (H2N2) was produced in Sf9 insect cells using a baculovirus expression vector system<sup>1</sup> and was purified using conventional chromatographic techniques.

Lot: 7551299 Deposit Date: 28MAR2006

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	Report results	HA bands (HA0, HA1, HA2) account for > 97% of total density
Concentration by Bicinchoninic Acid Protein Assay	Report results	221 μg/mL
Functional Activity Hemagglutination assay Hemagglutination inhibition and ELISA assays Western blot	Report results Specific to H2 HA subtype Report results	Active Specific to H2 HA subtype Reactive
Microbial Content	0.2 micron filter sterilized	0.2 micron filter sterilized

<sup>&</sup>lt;sup>1</sup>U.S. Patent Numbers 5,762,939 and 6,103,526.

Date: 23 JAN 2014 Signature: Milhard Q. Gymlu

**Title:** Technical Manager, BEI Authentication or designee

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