

H1 Hemagglutinin (HA) Protein with C-Terminal Histidine Tag from Influenza Virus, A/New York/18/2009 (H1N1), Recombinant from Baculovirus

Catalog No. NR-19441

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

Product Description: A recombinant form of the H1 hemagglutinin (HA) protein from influenza virus, A/New York/18/2009 was produced by baculovirus infection of *Trichoplusia ni* insect larvae and purified by standard chromatographic methods.

Lot: 59332951

Manufacturing Date: 25JUL2010

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue Densitometry)	HA bands (HA0, HA1, HA2) account for > 90% of total density	HA bands (HA0, HA1, HA2) account for > 98% of total density (Figure 1)
Concentration by Bicinchoninic Acid Protein Assay	Report results	1.06 mg per mL
Final Product Quantity per vial	1.0 mg (± 10%) per vial	1.06 mg per vial
Western Blot Monoclonal anti-histidine tag	Report results	Reactive with HA0 and HA2 (Figure 2)
Filtration	0.22 µm filtered	0.22 µm filtered
Bioburden	Report results	< 1 colony-forming unit per mL
Endotoxin Content	Report results	< 0.050 EU per mL

¹Novagen® 70796-4

Figure 1 – SDS-PAGE

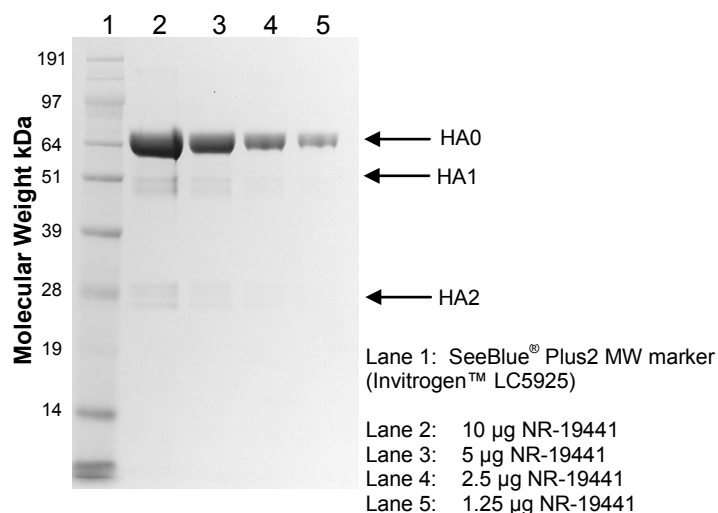
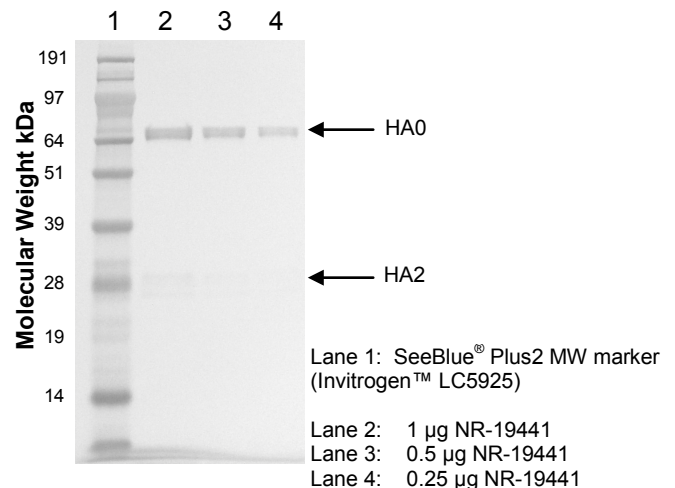


Figure 2 – Western Blot with Monoclonal Anti-Histidine Tag



Date: 03 NOV 2010

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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