

N2 Neuraminidase (NA) Protein from Influenza Virus, A/shorebird/Delaware/127/1997 (H6N2), Recombinant from baculovirus

Catalog No. NR-657

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

Product Description: Recombinant N2 neuraminidase (NA) protein from influenza virus A/shorebird/Delaware/127/1997 (H6N2) was produced in Sf9 insect cells using a baculovirus expression vector system¹ and was purified using conventional chromatographic techniques.

Lot: 4023362

Manufacturing Date²: 01MAY2003

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	Report results	NA band accounts for > 90% of total density
Concentration by Bicinchoninic Acid Protein Assay³	Report results	136 µg/mL (14JUN2005)
Functional Activity Neuraminidase assay Neuraminidase inhibition (NI) assay NI and ELISA assays	Report results Specific to N2 NA subtype Reactive within N2 NA subtype	Active Specific to N2 NA subtype Reactive within N2 NA subtype
Microbial Content	0.2 micron filter sterilized	0.2 micron filter sterilized
Sterility (post-vialing; 21-day incubation) Harpo's HTYE broth ⁴ , 37°C and 26°C, aerobic Trypticase soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C and 5% CO ₂	No growth No growth No growth No growth No growth No growth No growth	No growth No growth No growth No growth No growth No growth No growth
Endotoxin Content (Limulus Amoebocyte Lysate assay)	< 0.1 EU endotoxin per µg protein	< 0.01 EU endotoxin per µg protein

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

²Note: The manufacturing date indicated on the vial is the deposit date.

³Pierce Biotechnology, Inc.

⁴Atlas, Ronald M. *Handbook of Microbiological Media*. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 16 APR 2014

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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