

Streptococcus pneumoniae* Family 1, Clade 2 Pneumococcal Surface Protein A (PspA UAB055) with C-Terminal Histidine Tag, Recombinant from *Escherichia coli

Catalog No. NR-33178

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Product Description: NR-33178 is a recombinant form of the pneumococcal surface protein A (PspA UAB055) from *Streptococcus pneumoniae* (*S. pneumoniae*) Family 1, Clade 2, strain Rx1. PspA UAB055 contains a C-terminal histidine tag and was expressed in *Escherichia coli* using a T7 expression system and purified by nickel affinity chromatography. It was further purified using a Pierce Detoxi-Gel column for removal of endotoxin.

Lot: 60570947

Manufacturing Date: 16NOV2012

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue)	Purified protein represents ≥ 85% of staining intensity	Purified protein represents ≥ 98% of staining intensity (Figure 1)
Concentration by Bradford Assay	Report results	1 mg/mL
Protein Content	1 mg per vial	1 mg per vial
Endotoxin Content (Limulus Amoebocyte Lysate) ¹	Report results	7.26 endotoxin units per mg

¹Thermo Scientific LAL Chromogenic Endotoxin Quantitation Kit

Date: 12 DEC 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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Figure 1: SDS-PAGE

