

Mycobacterium leprae*, ND-O-BSA (PGL-I-Based Glycoconjugate of Bovine Serum Albumin)*Catalog No. NR-59498**

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

Product Description:

NR-59498 is a synthetic phenolic glycolipid-I (PGL-I) made using the serologically active terminal disaccharide (ND; natural disaccharide) portion of PGL-I from *Mycobacterium leprae* linked to bovine serum albumin (BSA) via an octyl linker arm.

Lot: 70063931**Manufacturing Date: 27JUN2023**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 6.27.2023.LMNR.ND-O-BSA is attached.

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QUALITY CONTROL SHEET FOR ND-O-BSA (SYNTHETIC PGL-I)

General Information

BEI catalogue number: NR-59498

CSU Lot Number: 6.27.2023.LMNR.ND-O-BSA

Purification Information

Starting material: Disaccharide hydrazide Batch AL 11-21, 5 mg; bovine serum albumin, 8.0 mg

Starting Material Lot #: AL 20-22 hydrazide 5 mg total

Protocol used (SOP #'s): Zhang, J., D. Chatterjee, P. J. Brennan, J. S. Spencer, and A. Liav. 2010. A modified synthesis and serological evaluation of neoglycoproteins containing the natural disaccharide of PGL-I from *Mycobacterium leprae*. Bioorg. Med. Chem. Lett. 20:3250-3253) and SOP: SP082.

Date started: 5/30/23 Date completed: 6/27/23

Notebook; page(s): LMNR Notebook #1 BEI Contract pp 21-35

Additional notes (if applicable): N/A.

Quality Control Information

Total amount of ND-O-BSA: 2.2 mg

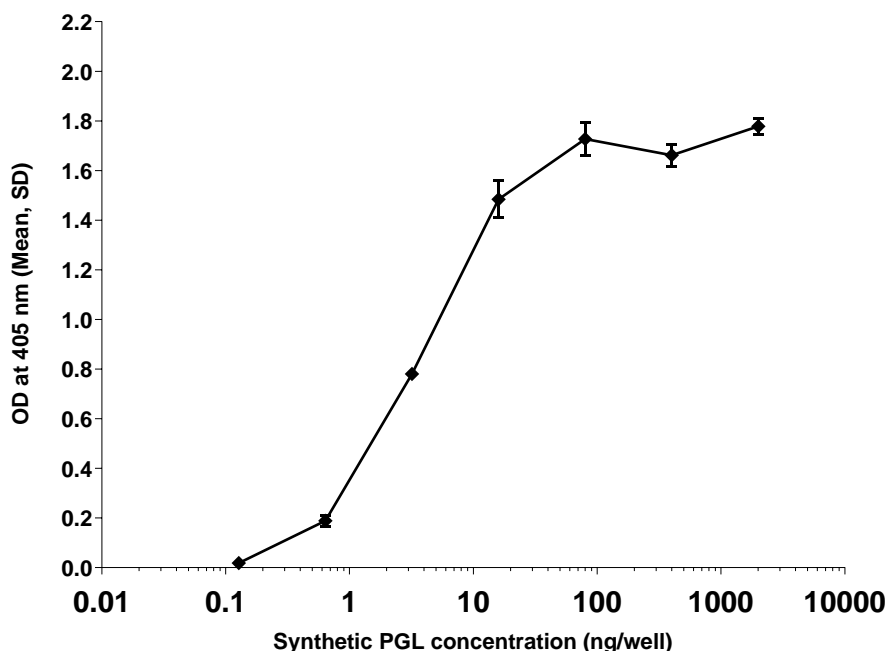
BCA date: 6/26/23 BCA concentration: 1.205 mg/mL

Date lyophilized: 7/18/23 Notebook and page(s) LMNR Notebook #1 BEI Contract pp 33-35 and 42.

ELISA assay: Serial 5-fold dilutions from 2×10^3 ng to 1.28×10^{-1} ng. SOP: SP082.

ELISA date: 6/26/23-6/27/23

QC ELISA:



Aliquot Information*:

8 x 0.25 mg

1 x 0.2 mg

*Aliquot information indicates aliquots made at the time of QC. Bulk vials will be broken down as needed.

Luisa Nieto Ramirez 09/21/2023
(Research Scientist) date

Rebecca Staudenmaier 9/21/2023
(Laboratory Supervisor) date