

Mycobacterium leprae*, ND-O-HSA (PGL-I-Based Glycoconjugate of Human Serum Albumin)*Catalog No. NR-59499**

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Product Description:

NR-59499 is a synthetic phenolic glycolipid-I (PGL-I) made using the serologically active terminal disaccharide (ND; natural disaccharide) portion of phenolic glycolipid-I (PGL-I) linked to human serum albumin (HSA) via an octyl linker arm.

Lot: 70062141**Manufacturing Date: 21AUG2023**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 08.21.23.LMNR.ND-O-HSA is attached.

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

General Information

BEI catalogue number: NR-59499

CSU Lot Number: 08.21.23.LMNR.ND-O-HSA

Purification Information

Starting material: Disaccharide hydrazide Batch AL 11-21, 5 mg; human serum albumin, 10 mg

Starting Material Lot #: AL 11-21 hydrazide 5 mg total

Protocol used (SOP #'s): Delphi Chatterjee protocol with minor modifications by Dr. Kai Li (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: 7/25/23 Date completed: 8/21/23

Notebook; page(s): LMNR Notebook #1 BEI Contract pp 44-57

Additional notes (if applicable): NA.

Quality Control Information:

Total amount of ND-O-HSA: 6 mg

BCA date: 8/17/23

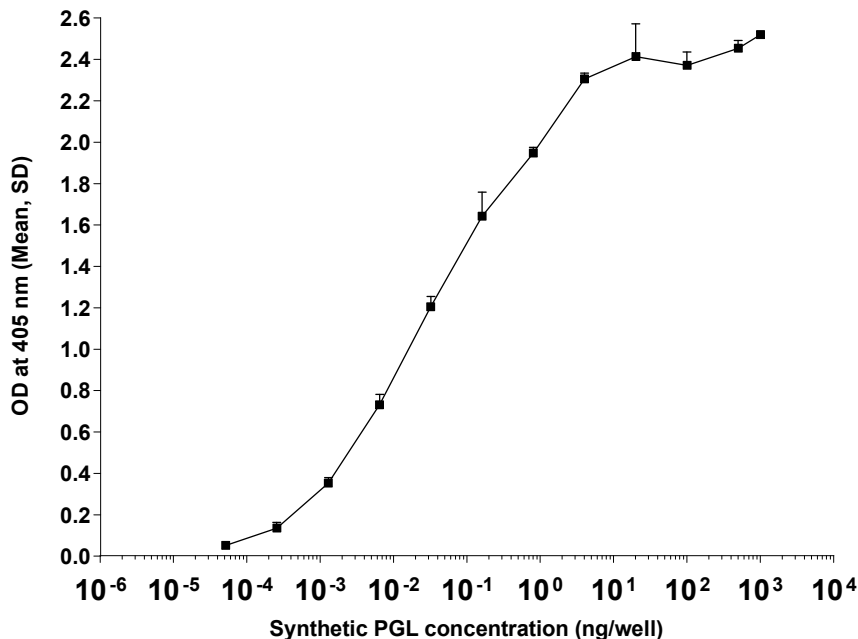
BCA concentration: 0.531 mg/mL

Date lyophilized: 8/21/23 Notebook and page(s) LMNR Notebook #1 BEI Contract pp 56-57.

ELISA assay: Serial 2-fold dilutions from 1×10^3 ng to 5.12×10^{-5} ng. SOP: SP082.

ELISA date: 8/17/23-8/18/23

QC ELISA:



Aliquot Information*:

24 x 0.25 mg

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

Luisa Nieto Ramirez 02/26/2024
(Research Scientist) date

PA Gaudenmaier 2/27/2024
(Laboratory Supervisor) date