

Mycobacterium leprae* Lipoarabinomannan (LAM)*Catalog No. NR-19348**

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Product Description:

NR-19348 is a preparation of lipoarabinomannan (LAM) derived from the cell wall of *Mycobacterium leprae* (*M. leprae*) extracted from a pool of infected armadillo liver and spleen tissue.

Lot: 70045524**Manufacturing Date: 18NOV2021**

Production and QC testing were performed by Colorado State University (CSU). The CSU production documentation for lot 21.Mlep.11.18.LAM is attached.

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WORK SHEET FOR LIPOARABINOMANNAN

General Information

BEI Catalog Number: NR-19348
CSU Lot Number: 21.Mlep.11.18.LAM
Species: *Mycobacterium leprae*
Strain: NHDP

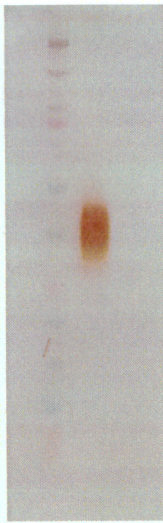
Purification Information

Starting material (lot #): NHDP-98 strain, Tissue ID 12X36, Spleen(#2)
Cell amount (wet weight): 286.5 mg
Protocol used (SOP #): PP015.6, PP016.6, and PP017.3
Date started: 9/27/2021
Date completed: 11/18/2021
Notebook; pages: Danara Flores, BEI Production Notebook #5, pg. 79-86, 91-93, 97-100
Additional notes (if applicable): N/A

Quality Control Information

NMR results: Pass Notebook and page(s): DF, BEI Production #5 pg.91
Endotoxin assay used: EndoZyme II
Endotoxin amount : 0.39ng/mg Notebook and page(s): DF, BEI Production #5, pg.98-99
Total amount of LAM: 5 mg Concentration (estimated by gel): 2.69 mg/ml DF, BEI Production #5, pg.92-93
Silver stain date: 11 / 18 / 2021 Notebook and page(s): DF, BEI Production #5 pg. 100
Western blot date: 11 / 18 / 2021 Antibody used: CS-35 Notebook and page(s): DF, BEI Production #5, pg. 100

QC Gel and Blot:



Aliquot Information:
50 x 100 µg

Danara Flores 11/18/21
(Research Associate) (date)

[Signature] 11/18/21
(Laboratory Supervisor) (date)