

Mycobacterium leprae* Cell Wall Core (mAGP)*Catalog No. NR-19349**

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Product Description: NR-19349 is a preparation of the mycolylarabinogalactan-peptidoglycan (mAGP) complex of *Mycobacterium leprae* (*M. leprae*) extracted from a pool of infected armadillo liver and spleen tissue. The cell wall was isolated from *M. leprae* whole cell sonicate by centrifugation at 27,000 x g for one hour to obtain the cell wall pellet. The pellet was suspended in PBS with 2% SDS and the cell wall-associated proteins and lipoglycans were removed. Residual proteins were removed by further SDS extractions and proteinase-K treatment followed by multiple extractions with boiling SDS. The resulting mAGP was washed several times with water, and residual SDS was removed by extraction with large volumes of acetone.

Lot: 61285581**Manufacturing Date: 23AUG2012**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot ML.Cell.Wall.Core.103.08.23.2012.JNK is attached.

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QUALITY CONTROL SHEET for mAGP Cell Wall Core *M. leprae*

General Information

Lot Number: ML.Cell.Wall.Core.103.08.23.2012.JNK
 Catalog Number: NR-19349
 Species: *M.leprae*
 Strain: NHDP-55

Purification Information

Starting Material:	3T50	liver	NHDP-55	harvested 02.02.2011	4.51mg
Armadillo	5L55	spleen	NHDP-55	harvested 03.15.2012	15.67mg
Armadillo	5L55	liver	NHDP-55	harvested 07.05.2012	24.65mg
Armadillo	5L55	liver	NHDP-55	harvested 07.08.2012	14.73mg
Armadillo	5L55	liver	NHDP-55	harvested 07.10.2012	23.11mg
Armadillo	5L55	liver	NHDP-55	harvested 07.12.2012	22.91mg
Armadillo	5L55	liver	NHDP-55	harvested 07.15.2012	16.71mg
Armadillo	5L55	liver	NHDP-55	harvested 07.17.2012	26.42mg
Armadillo	5L55	liver	NHDP-55	harvested 07.19.2012	12.65mg
Armadillo	5L55	spleen	NHDP-55	harvested 07.22.2012	37.32mg

Total Cell amount: 198.68 mg whole cells SOP #: subcellular fractionation protocol

Notebook pages: Tissue Prep Book #3 pp31-33 Date of Probe Sonication: 08/21/12 Buffer used: PBS

Centrifugation Notes: 27,000 x g spin to obtain cell wall pellet; pellet washed with 2% SDS at 55C three times. Detergent in pellet was removed by 3 Acetone washes.

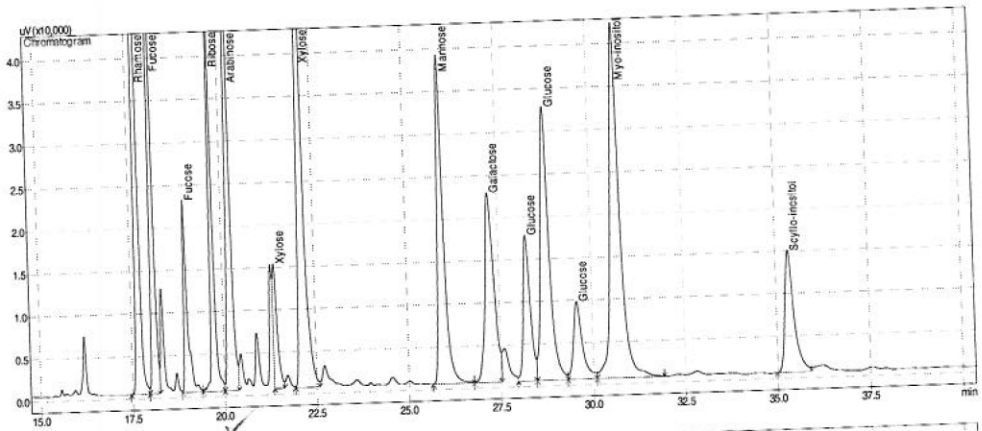
Quality Control

Total Amount of mAGP: 109mg Date dried on savant: 10/17/2012 GC date: 09/27/2012
 Note Book Pages: JNKnotebook#3 pp28-29. Suspended in: 1ml PBS Concentration: 109mg/ml

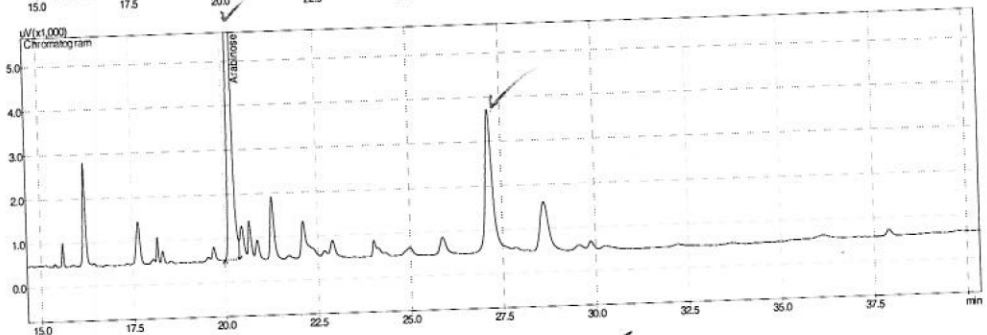
Aliquots Info: 2mg/ vial x 30 vials lyophilized. 1 vial of 49 mg.

QC GC:

Standard



50ug *M. leprae* mAGP



Spide Smith / 11/7/12

Produced By/ Date

[Signature] 11/8/2012
 Laboratory Supervisor/ Date