

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: 61137483**Manufacturing Date: 01DEC2012**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for pre-vial bulk lot ML.Cell.Wall.Core.12.01.2012.JNK is attached. This lot was received as a dry pellet from CSU and rehydrated in phosphate buffered saline at ATCC®. Approximately 100 µL of a 20 mg/mL solution was dispensed per vial and lyophilized yielding a final amount of 2 mg per vial.

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

General Information

Lot Number: ML.Cell.Wall.Core.12.01.2012.JNK
Species: M.leprae
Strain: NHDP-55

Purification Information

Starting Material:	Armadillo	5L116	spleen	NHDP-55	harvested	01.29.2010	49.3 mg
	Armadillo	4G31	liver	NHDP-55	harvested	05.26.2010	9.4 mg
	Armadillo	4G31	liver	NHDP-55	harvested	06.02.2010	9.8 mg
	Armadillo	3X128	liver	NHDP-55	harvested	02.04.2011	10.7 mg
	Armadillo	3T50	liver	NHDP-55	harvested	02.16.2011	8.1 mg
	Armadillo	3T50	liver	NHDP-55	harvested	02.23.2011	10.4 mg
	Armadillo	3X129	liver	NHDP-55	harvested	04.01.2011	30.6 mg
	Armadillo	3X125	liver	NHDP-55	harvested	04.06.2011	16.4 mg
	Armadillo	3X128	liver	NHDP-55	harvested	04.08.2011	14.3 mg
	Armadillo	3X105	liver	NHDP-55	harvested	04.13.2011	6.6 mg
	Armadillo	3X105	liver	NHDP-55	harvested	04.15.2011	27.6 mg
	Armadillo	3X125	liver	NHDP-55	harvested	04.20.2011	16.8 mg
	Armadillo	3X125	liver	NHDP-55	harvested	04.22.2011	8.5 mg
	Armadillo	3X125	liver	NHDP-55	harvested	08.19.2011	9.5 mg
	Armadillo	3X128	liver	NHDP-55	harvested	08.24.2011	6.4 mg

Total Cell amount : 234.2 mg whole cells SOP #: subcellular fractionation protocol

Notebook pages: JNKnotebook #2 pp. 95 Date of Probe Sonication: 12 /01/11 Buffer used: PBS

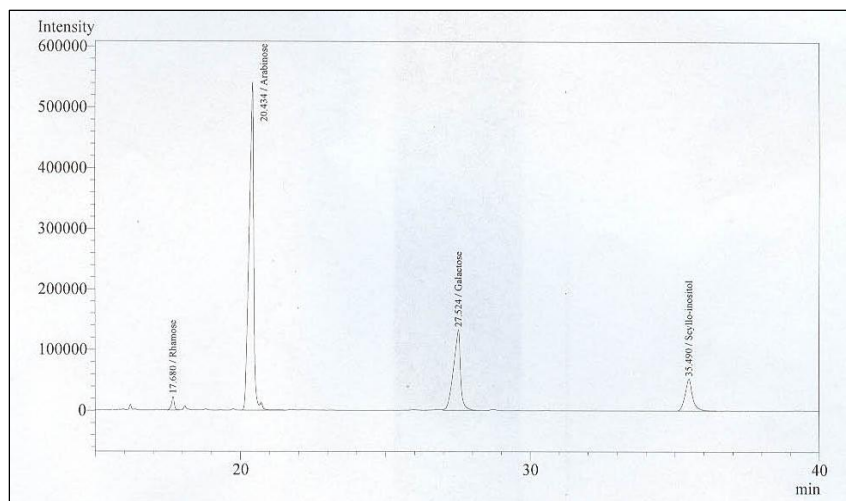
Centrifugation Notes 27,000 x g spin to obtain cell wall pellet; pellet washed with 2% SDS at 55C three times, pooled; detergent removed by SDS Removal Protocol "SP019".

Quality Control

Total Amount of mAGP: 45mg Date dried on savant: 06/25/12 GC date: 06/07/12

Note Book Pages: JNKnotebook#3pp.9

QC GC:



Jade Kuntz

John W. Spencer

(Produced By)06/26/12

(Laboratory Supervisor)06/26/12