

Mycobacterium leprae* Cytosol Fraction (MLSA) minus LAM*Catalog No. NR-19328**

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Product Description: NR-19328 was produced from purified *Mycobacterium leprae* (*M. leprae*) whole cells (non-irradiated, non-autoclaved) extracted from a pool of infected armadillo liver and spleen tissue. Cells were sonicated for forty, one-minute cycles and an acid fast stain of the sonicate was performed to confirm complete breakage of the cells. The sonicate was centrifuged to pellet the cell wall material and the resulting supernatant was further centrifuged to pellet the cell membrane material. The LAM was removed from the cytosolic protein fraction by TX-114 extraction. The final supernatant was collected and the protein content quantitated by BCA assay.

Lot: 63449521**Manufacturing Date: 14JAN2015**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 15.Mlep.1.14.MLSA(-)LAM.DMH is attached.

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You are authorized to use this product for research use only. It is not intended for human use.



WORK SHEET FOR MLSA (-) LAM

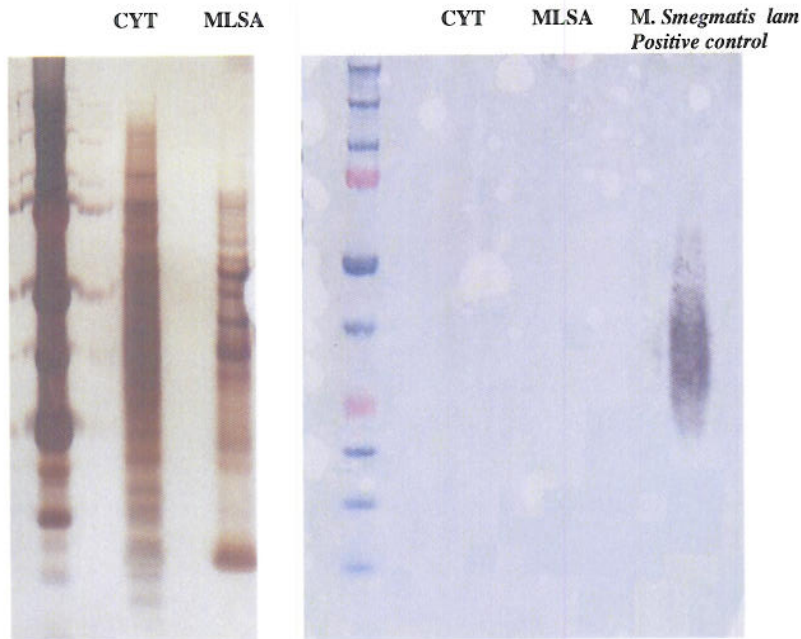
General Information

Lot Number: 15.Mlep.1.14.MLSA(-)LAM.DMH
Species: *Mycobacterium leprae*
Strain: NHDP

Quality Control Information

Lot Number of Starting Material: 13.Mlep.11.11.cytosol
Amount of Starting Material: 67.5 mg
Cell Origin of Starting Material: TissueID10E22 Liver NHDP-63 (5.46 g), TissueID10E22 Spleen NHDP-63 (196.29 g)
Triton Extraction Date: 12/16/14 – 12/18/14
BCA: 0.638 $\mu\text{g}/\mu\text{l}$. Notebook and page(s): DMH 1 p. 61
Total amount of Protein: 12.6646 mg
Silver Stain Date: 01/07/2015 Notebook and page(s): DMH 1 p. 61
Western Blot Date: 01/07/2015 Antibody Used: CS35 Notebook and page(s): DMH 1 p. 62

QC Gel:



Aliquot Information:

6 x 500 μg
38 x 250 μg
1 x 164.6 μg

Dawn M. [Signature] 7/1/15
(Research Associate) (date)

C. Schapp 7/1/15
(Laboratory Supervisor) (date)