

Mycobacterium leprae* Monodeglycosylated PGL-I*Catalog No. NR-19345**

This reagent is the tangible property of the U.S. Government.

Product Description: NR-19345 was produced by acid hydrolysis using 0.3 N HCl at 100°C for two hours, which leads to formation of multiple products and some unhydrolyzed PGL-I. Preparative TLC in ether:acetone (9:1, v/v) with scraping of individual bands and elution of specific components from silica gives monodeglycosylated PGL-I.

Lot: M.lepmonodePGL.JT.10.1.10**Manufacturing Date: 01OCT2010**

QC testing was performed by Colorado State University under the Leprosy Research Support Contract (NIH). The Colorado State University documentation for lot M.lepmonodePGL.JT.10.1.10 is attached.

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QUALITY CONTROL SHEET FOR *M. leprae* MONODEGLYCOSYLATED PGL-I

General Information

Product Lot Number: M.lepmonodeglycosylated.PGL-I.10.1.10
 Fraction Type: M. leprae monodeglycosylated PGL-I
 Species: Mycobacterium leprae
 Strain: N/A

Purification Information

Starting material: 3.5 mg monodeglycosylated PGL-I produced by Bruce Gregory in 2002
 Date started: unknown Date completed: unknown
 Notebook; page(s): Jarrett Trembly, lipid fractionation notebook (2010), pp. 60-62
 Additional notes (if applicable): monodeglycosylated PGL-I checked by thin layer chromatography using 90:10:1 chloroform:methanol:water as solvent, then aliquoted in glass vials

Quality Control Information:

Total volume: unknown Total amount of monodeglycosylated PGL-I: 3.5 mg
 Date dried on nitrogen: 10/1/10
 TLC date: 10/1/10 Notebook and page(s): lipid fractionation notebook pp 60-62
 TLC Solvent System: 90:10:1 chloroform:methanol:water

QC TLC:

mono native
 TLC deglyc. PGL-I



Aliquot Information:

14 x 0.25 mg = 3.5 mg total

(Research Associate) 10/1/10 date

(Laboratory Supervisor) 10/1/10 date