

***Mycobacterium tuberculosis*, Strain H37Rv, Purified Phosphatidylinositol Mannoside 6 (PIM<sub>6</sub>)****Catalog No. NR-14847**

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

**Product Description:** NR-14847 is a preparation of the purified phosphatidylinositol mannoside 6 (PIM<sub>6</sub>) cell wall glycolipids of *Mycobacterium tuberculosis*, strain H37Rv. The soluble organic fraction was extracted from cells, dried and titrated with cold acetone. The acetone-insoluble fraction was then applied to preparative thin-layer chromatography plates. PIMs were purified from the dried matrix using 40% methanol in chloroform.

**Lot: 61977659****Manufacturing Date: 25JUN2014**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for lot 14.Rv.6.25.DMH.PIM<sub>6</sub> 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 PURIFIED PIM6

### General Information

Lot Number: 14.Rv.6.25.DMH.PIM6  
Species: *Mycobacterium tuberculosis*  
Strain: H37Rv

### Purification Information

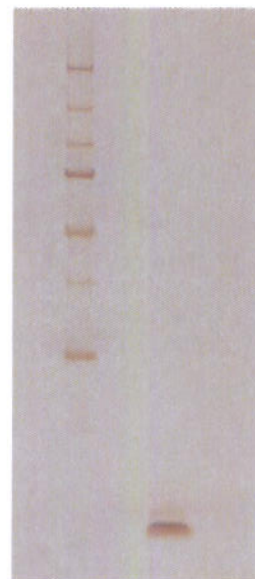
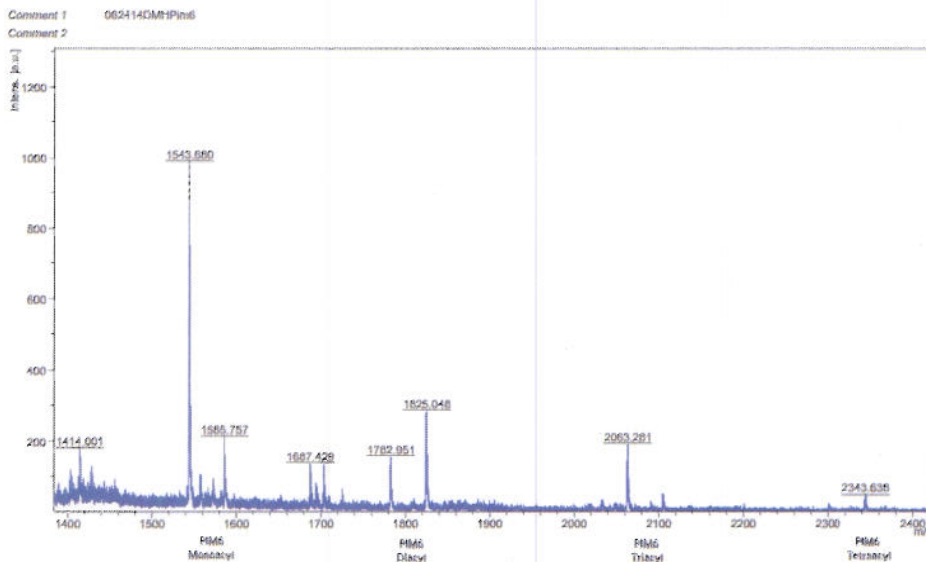
Starting material (lot #): 13.Rv.2.5.14.6.WCg  
Cell amount (wet weight): 93.4g  
Protocol used (SOP #): PP015.3, PP016.4, PP017.2,  
Date started: 02/21/14  
Date completed: 06/25/2014  
Notebook; pages: SOS/TH 4, p. 77-104. DMH 1 p. 1-28  
Additional notes (if applicable): \_\_\_\_\_

### Quality Control Information

Endotoxin amount: <0.1 ng/mg  
GC Results: 1.258 mg/ml  
Silver stain date: 06/24/14  
Clarity of product: slightly cloudy

Notebook and page(s): DMH 1 p. 25  
Notebook and page(s): DMH 1 p. 26-27  
Notebook and page(s): DMH 1 p. 28  
Total amount of PIM6: 6.968 mg

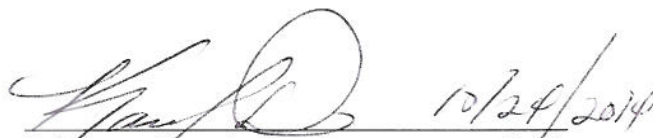
### QC MALDI-TOF and Silver Stain:



### Aliquot Information:

27 vials @ 250µg  
1 vial @ 218 µg  
6968 µg total

  
(Research Associate) 10/22/14 (date)

  
(Laboratory Supervisor) 10/24/2014 (date)