

Mycobacterium tuberculosis*, Strain H37Rv, Purified Peptidoglycan*Catalog No. NR-14853**

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Product Description:

NR-14853 is a preparation of peptidoglycan (PG) derived from the cell wall of *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 70037233**Manufacturing Date: 26APR2021**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 21.Rv.4.22.PG is attached.

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WORK SHEET FOR PURIFIED PEPTIDOGLYCAN (PG)

General Information

Lot Number: 21.Rv.4.22.PG
Species: M. tuberculosis
Strain: H37Rv

Purification Information

Starting material: 21.Rv.3.23.21.mAGPI
Protocol used (SOP #'s): Protocol from Grzegorzewicz & Jackson, Methods Mol Biol, 2013, 966:309-324
Date started: 03/28/21
Date completed: 04/26/21
Notebook; page(s): ATCC-CM-1, pgs 48-49; 59-60, 63-67 Native Cell wall DH, pg 79

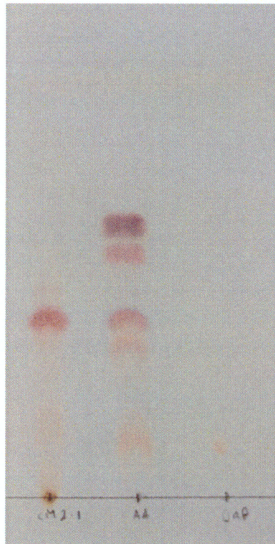
Additional notes: Acid hydrolysis with 0.05M sulfuric acid was repeated once to remove contaminant arabinose and galactose.

Quality Control Information:

Total volume: 4.6 ml Total amount of PG: 18.4 mg
Date dried on savant: 4/26/21 GC date: 4/22/21
Notebook and page(s): ATCC-CM-1 pgs 63-67

Aliquot Information: 36 x 0.5 mg = 18.0 mg
Retained 0.4 mg

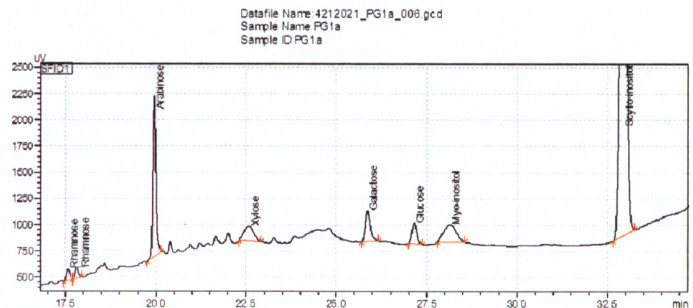
Amino Acid Composition



Lane 1: PG sample
Lane 2: amino acid standard
Lane 3: DAP standard

TLC system:
n-butanol, acetic acid, water
(3:1:1 v/v/v), ninhydrin spray

GC Trace



*Note: Only minor traces of AG detected.

C. Flehapp
(Research Associate)

4/28/21
date

[Signature]
(Laboratory Supervisor)

5/3/2021
date