

Mycobacterium tuberculosis*, Strain H37Rv, Total Lipids*Catalog No. NR-14837**

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Product Description:

NR-14837 is a preparation of the total cellular lipids of irradiated *Mycobacterium tuberculosis*, strain H37Rv, including those with known biological activities, such as trehalose dimycolate (TDM) and sulpholipids.

Lot: 70053417**Manufacturing Date: 14JUL2022**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 22.H37Rv.07.14.TL is attached.

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WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

BEI Catalog Number: NR-14837
CSU Lot Number: 22.H37Rv.07.14.TL
Species: *M. tuberculosis*
Strain: H37Rv

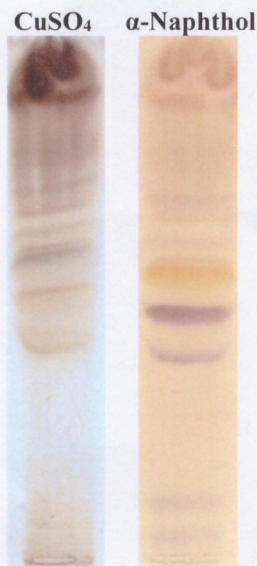
Purification Information

Starting material: H37Rv cells Starting Material Lot #: 18.Rv.2.5.2.8.WCg.a
Cells Irradiated: Yes Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP018.2, SP037, R012, SP031
Date started: 5/25/2022
Date completed: 7/14/2022
Notebook; page(s): BM Notebook #1 pp 52-58
Additional notes (if applicable): A 74.2 g wet weight pellet was lyophilized to 10.68 g, then extracted 3X with 325 mL 2:1 chloroform/methanol. Applied 100 ug Folch-washed lipid to duplicate TLCs for differential staining.

Quality Control Information:

Total volume: 159.5 mL Total amount of TLIP: 797.5 mg
Date dried on N₂ bath: 7/14/2022
TLC date: 7/7/2022 Notebook and page(s): BM Notebook #1 pp 56
TLC Solvent System: 65/25/4 chloroform, methanol, water

QC TLC:



Aliquot Information:

30 x 5.0 mg = 150 mg
Remaining 647.5 mg in bulk

Briana Marico
(Research Associate)

7/15/22
date

PA Standen
(Laboratory Supervisor)

7/25/22
date