

Mycobacterium tuberculosis*, Strain H37Rv, Acetone-Soluble Lipids*Catalog No. NR-14842**

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Product Description: NR-14842 is a preparation of acetone-soluble cellular lipids extracted from *Mycobacterium tuberculosis*, strain H37Rv. Total cellular lipids were triturated in acetone at -20°C overnight. The resulting supernatant containing the acetone-soluble lipid fraction was then dried under a nitrogen bath.

Lot: 2037**Manufacturing Date: 05DEC2016**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 16.H37Rv.11.30.01.ac-sol.TL is attached.

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WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

BEI Catalog Number: NR-14842
CSU Lot Number: 16.H37Rv.11.30.01.ac-sol.TL
Species: M. tuberculosis
Strain: H37Rv

Purification Information

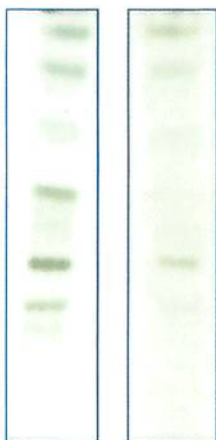
Starting material: H37Rv cells Starting Material Lot #: 15.Rv.2.10.13.8.WCg
Cells Irradiated: Yes Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP018.1, PP036.1, SP031, SP033
Date started: 11/7/16
Date completed: 12/5/16
Notebook; page(s): Total Lipids I pp 46-52
Additional notes: Total Rv lipid (50.0 mg) was triturated into cold acetone overnight, and the insoluble portion collected by centrifugation. The supernatant was dried by rotary evaporation, then resuspended in 2:1 chloroform/methanol as acetone-soluble total lipid.

Quality Control Information:

Total amount of TL: 31.4 mg Date dried on N₂ bath: 12/1/16
TLC date: 12/5/16 Notebook and page(s): Total Lipids I pp 53-54
TLC Solvent System: 65/25/4 chloroform/methanol/water

QC TLC:

CuSO₄ α-naphthol



Aliquot Information:

1 x 18.9 mg = 18.9 mg
25 x 0.5 mg = 12.5 mg
31.4 mg total

Dan C. Jessor 12/8/16
(Research Associate) date

C. McHaffey 12/9/16
(Laboratory Supervisor) date