

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

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

**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: 70017930****Manufacturing Date: 07DEC2018**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 18.Rv.12.07.01.TL is attached.

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WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

BEI Catalog Number: NR-14837  
CSU Lot Number: 18.Rv.12.07.01.TL  
Species: M. tuberculosis  
Strain: H37Rv

Purification Information

Starting material: H37Rv cells Starting Material Lot #: 18.Rv.2.5.16.9.WCg.a  
Cells Irradiated: Yes Viability Test Performed: No Viable Organism Detected  
Protocol used (SOP #'s): PP018, SP031, SP033  
Date started: 11/9/18  
Date completed: 12/7/18  
Notebook; page(s): TDM/SL Notebook 4 p29, TL Notebook 1 p58  
Additional notes: 190 mg Folch-washed total lipid was sequestered for further lipid purification, while 250.0 will be shipped to BEI

Quality Control Information:

Total volume: 10.0 ml Total amount of TLIP: 250.0 mg  
Date dried on N<sub>2</sub> bath: 8/21/15  
TLC date: 12/7/18 Notebook and page(s): Total Lipids I pp 59-60  
TLC Solvent System: 65/25/4 chloroform/methanol/water

QC TLC:

CuSO<sub>4</sub>      α-naphthol



Aliquot Information:

50 x 5.0 mg = 250.0 mg

Da Nasser 12/12/18  
(Research Associate) date

C. McHaffey 12/12/18  
(Laboratory Supervisor) date