

Mycobacterium tuberculosis*, Strain H37Rv, Purified Sulfolipid-1 (SL-1)*Catalog No. NR-14845**

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

Product Description:

NR-14845 is a preparation of purified sulfolipid-1 (SL-1) that was extracted from irradiated *Mycobacterium tuberculosis*, strain H37Rv cells.

Lot: 70045510**Manufacturing Date: 22SEP2021**

Production and QC testing were performed by Colorado State University (CSU). The CSU production documentation for lot 21.Rv.09.17.01.SL is attached.

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WORK SHEET FOR PURIFIED SULFOLIPID (SL)

General Information

BEI Catalog Number: NR-14845
CSU Lot Number: 21.Rv.09.17.01.SL
Species: M. tuberculosis
Strain: H37Rv

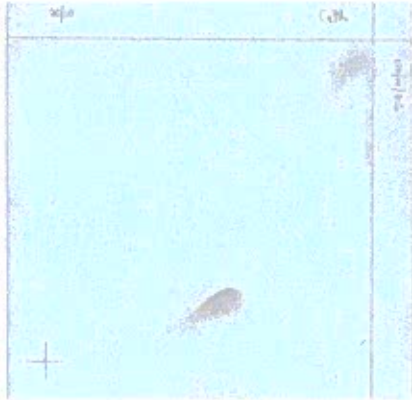
Purification Information

Starting material: 2:1 total lipid
Lot number: 17.Rv.2.11.1.11.WCg.a
Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP034, SP031, SP032, SP033, SP037
Date started: 8/23/21
Date completed: 9/22/21
Notebook; page(s): TDM/SL Ntbk 4 pp 75-84

Quality Control Information:

Total amount of SL: 10.7 mg Date dried on N₂ bath: 9/21/21
TLC date: 9/17/21 Notebook and page(s): TDM/SL Ntbk 4 pp 85-90

QC TLC:

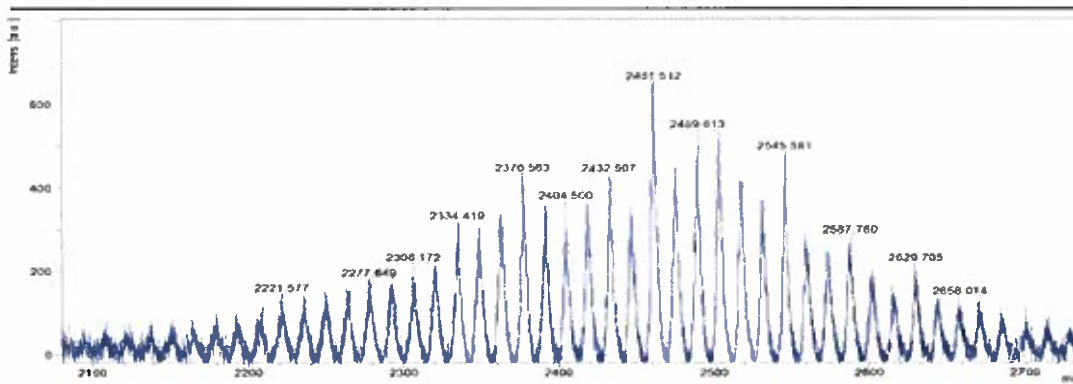


Developed 50 µg first dimension (left to right) in 100/14/0.8 chloroform/ methanol/ water; second dimension (bottom to top) in 90/10 chloroform/ methanol.

Aliquot Information:

35 x 0.25 mg = 8.75 mg
1 x 1.95 mg = 1.95 mg
10.7 mg

MALDI-TOF:



Loaded 2.5 µg and 5.0 µg SL and overlaid with 1.0 µl DHB matrix, analyzed in negative reflector mode.

Dan Wilson 9/24/21
(Research Associate) date

C. Melchior 9/27/21
(Laboratory Supervisor) date