

Mycobacterium tuberculosis*, Strain H37Rv, Soluble Cell Wall Proteins*Catalog No. NR-14840**

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Product Description: NR-14840 is a preparation of the sodium dodecyl sulphate (SDS) soluble cell wall proteins of *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 70005732**Manufacturing Date: 26JUN2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.7.10.SCWP is attached.

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WORK SHEET FOR SOLUBLE CELL WALL PROTEINS

General Information

BEI Catalog Number: NR-14840
CSU Lot Number: 17.Rv.7.10.SCWP
Species: *M. tuberculosis*
Strain: H37Rv

Production Information

Starting material (lot #): 17.Rv.1.20.CW
Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected
Amount (mg protein): 369.96 mg
SOP #: PP025.1, SP019, SP030.1 Notebook pages: Kala Early's Notebook #2, pgs. 49,50,51
Date SDS Extract: 6/26/17 Temperature of SDS Extract: -20°C

Notes on Extraction Placed sample in a mixture of 85mL acetone, 5mL glacial acetic acid, 5mL trimethylamine, 5mL water at -20°C for 4-16 hours, spun down mix at 25,000xg, 4°C, for 45 minutes, repeated solvent extraction, incubation, and spun down once more

Date 10 mM ammonium bicarbonate dialysis started: N/A
date completed: N/A

Notebook; page(s): Kala Early's Notebook #2, pgs. 55,60

Method Used to Remove SDS: Paired-ion Extraction SP019

Notebook; page(s): Kala Early's Notebook #2, pgs. 50

Quality Control Information

SDS Contamination and Method Used: Concentration of 0.033 SDS remaining (Between 0.1% and 0.05% SDS standards), SP030.1

BCA: 2.129 µg /µl.

Total volume: 65 mL

Silver Stain Date: 7 / 14 / 17.

Notebook and page(s): Kala Early's Notebook #2, pg. 61

Total amount of Protein: 138.4 mg

Notebook and page(s): Kala Early's Notebook #2, pg. 62

QC Gel:



*Marker – blank lane – SCWP

Aliquot Information:

1 mg x 78 vials

1 x 60.4 mg (in bulk)

Kala Early 7/17/17
(Research Associate) (date)

C. Mahany 7/18/17
(Laboratory Supervisor) (date)