

***Mycobacterium tuberculosis*, Strain H37Rv, Cell Membrane Fraction****Catalog No. NR-14831**

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**Product Description:**

NR-14831 is a preparation of the cell membrane fraction of *Mycobacterium tuberculosis*, strain H37Rv, and contains the cytoplasmic membrane and components of the outer lipid layer.

**Lot: 70057180****Manufacturing Date: 11MAR2023**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 18.Rv.2.9.5.11.MEM is attached.

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## WORK SHEET FOR CELL MEMBRANE

### General Information

BEI Catalog Number: NR-14831  
CSU Lot Number: 18.Rv.2.9.5.11.MEM  
Species: Mycobacterium tuberculosis  
Strain: H37Rv

### Sonication and Fractionation Information

Starting Material (lot#): 18.Rv.2.9.5.11.Wcg.b Cells Irradiated: Yes  
Viability Test Performed: No Viable Organism Detected Cell Amount (wet weight): 74.3 g  
SOP#: PP008.4  
Notebook Pages: Rebecca Staudenmaier NB #2 pgs. 10-12

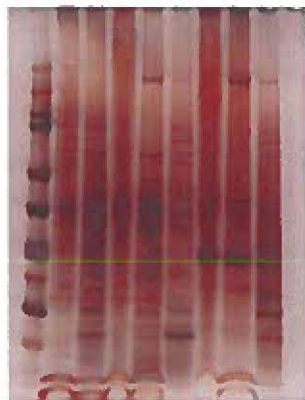
Date of French Press Sonication: 2/6/2023 and 2/7/2023 Buffer Used: PBS-EDTA with protease inhibitor  
Notebook; Page(s): Megan Stookey NB #2 pgs. 57-58

Centrifugation Notes: 27,000xg for 4 hours at 4°C  
Date 10mM ammonium bicarbonate dialysis started: 3/10/2023  
Date Completed: 3/11/2023  
Notebook Pages: Rebecca Staudenmaier NB #2 pg. 12

### Quality Control Information

BCA: 1.399 µg/µl Notebook and page(s): RS Notebook #2 Pages 19-22  
Total Protein: 73 mg  
Silver Stain Date: 3/16/2023 Notebook and page(s): RS Notebook #2 Page 25

1 2 3 4 5 6 7 8 9



QC Gel: 5 µg  
Lane 1 = Ladder  
Lane 5 = Membrane

### Aliquot Information:

\*Aliquot information reflects aliquots made at the time of QC. Bulk aliquots will be broken down as needed.  
73 x 1 mg to BEI

RA Staudenmaier 4/14/23  
(Research Associate) (date)

Kemp John 4/14/23  
(Laboratory Supervisor) (date)