

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

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

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: 70065745**Manufacturing Date: 24JAN2024**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 18.Rv.2.2.14.10.MEM is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



WORK SHEET FOR MEMBRANE

General Information

BEI Catalog Number: NR-14831 batch 70065745
CSU Lot Number: 18.Rv.2.2.14.10.MEM
Species: *Mycobacterium tuberculosis*
Strain: H37RV

Sonication and Fractionation Information

Starting material (lot #): 18.Rv.2.2.14.10.Wcg.a
Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected
Cell amount (wet weight): 64g
SOP #: PP008.4
Notebook pages: Rebecca Staudenmaier NB#1 pg 25-27 Megan Stookey #4 pg 18-20
Date(s) of French Press Sonication: 8/19/23 Buffer used: PBS-EDTA with protease inhibitor
Centrifugation Notes 100,000xg for 4 hours at 4 degrees C x 2
Date 10 mM ammonium bicarbonate dialysis started: 1/23/24 Date completed: 1/24/24

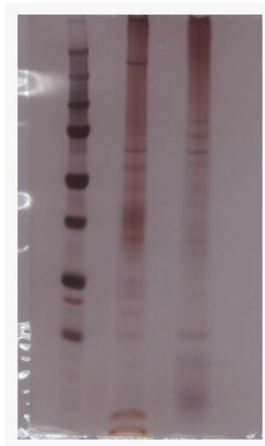
Additional Notes: N/A

Quality Control Information

BCA: 0.746 mg/ml Notebook and page(s): Megan Stookey NB#4 pg 20
Total Protein: 149 mg
Silver Stain Date: 1/25/24 Notebook and page(s): Megan Stookey NB#4 pg 20

QC Gel: 4µg

1. 2. 3.



Lanes:
1=Ladder, 2=Membrane

Aliquot Information:

*Aliquot information reflects aliquots made at the time of QC. Bulk aliquots will be broken down as needed.

80 x 1mg for BEI
~ 69 mg in bulk

Megan Stookey 1/30/24
(Research Associate) (date)

RA Staudenmaier 1/30/2024
(Laboratory Supervisor) (date)