

Mycobacterium tuberculosis*, Strain HN878, Cell Membrane Fraction*Catalog No. NR-14833**

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Product Description:

NR-14833 is a preparation of the cell membrane fraction of *Mycobacterium tuberculosis*, strain HN878, and contains the cytoplasmic membrane and components of the outer lipid layer.

Lot: 70060997**Manufacturing Date: 23APR2023**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 14.HN878.11.11.11.MEM is attached.

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WORK SHEET FOR MEMBRANE

General Information

BEI Catalog Number: NR-14833
CSU Lot Number: 14.HN878.11.11.11.MEM
Species: *Mycobacterium tuberculosis*
Strain: HN878

Sonication and Fractionation Information

Starting Material (lot#): 14.HN878.11.11.11.Wcg.b Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected Cell Amount (wet weight): 70.4 g
SOP#: PP008.4
Notebook; Page(s): Rebecca Staudenmaier Notebook #2 Page 18

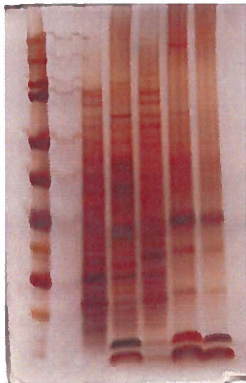
Date of French Press/Sonication: 2/7/2023 Buffer Used: PBS-EDTA with protease inhibitor
Centrifugation Notes: 100,000 x g for 4 hours at 4°C x 2
Date 10mM ammonium bicarbonate dialysis Date started: 4/22/2023 Date Completed: 4/23/2023
Notebook Pages: Rebecca Staudenmaier NB #2 pgs. 29; Megan Stookey NB #2 pgs. 58-59 (French Press)

Notes: The original cell pellet was lysed. ¼ of lysate was used for cytosol product. The remainder was used for whole cell lysate product.

Quality Control Information

BCA: 1.577 µg/µl Notebook and page(s): RAS Notebook #2 Pages 30-31
Total Protein: 11.83 mg
Silver Stain Date: 4/24/2023 Notebook and page(s): RAS Notebook #2 Page 32

QC Gel: 5 µg
1 2 3 4 5 6 7



Lane 1 = Ladder
Lane 4 = Membrane

Aliquot Information:

*Aliquot information reflects aliquots made at the time of QC. Bulk aliquots will be broken down as needed.
1 x 11.83 mg in bulk

Rebecca Staudenmaier 5/1/23
(Research Associate) (date)

[Signature] 4/27/23
(Laboratory Supervisor) (date)