

***Mycobacterium bovis*, Strain AF 2122/97 (ATCC® BAA-935™), Cell Membrane Fraction****Catalog No. NR-31214**

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**Product Description:**

NR-31214 is a preparation of the cell membrane fraction of *Mycobacterium bovis*, strain AF 2122/97 (ATCC® BAA-935™) and contains the cytoplasmic membrane and components of the outer lipid layer.

**Lot: 70057184****Manufacturing Date: 11MAR2023**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 22.Mb.4.1.MEM is attached.

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## WORK SHEET FOR MEMBRANE

### General Information

BEI Catalog Number: NR-31214  
CSU Lot Number: 22.Mb.4.L.MEM  
Species: *Mycobacterium bovis*  
Strain: BAA935

### Sonication and Fractionation Information

Starting Material (lot#): 22.BAA935.1.5.7.WCg Cells Irradiated: Yes  
Viability Test Performed: No Viable Organism Detected Cell Amount (wet weight): 10 g  
SOP#: PP008.4  
Notebook Pages: Rebecca Staudenmaier NB #2 pgs. 8-9

Date of French Press Sonication: 4/1/2022 Buffer Used: PBS-EDTA with protease inhibitor  
Notebook; Page(s): Kieran Brodner BEI #1 pgs. 47-48

Centrifugation Notes: 100,000 x g for 4 hours at 4°C x 2  
Date 10mM ammonium bicarbonate dialysis started: 3/10/2023  
Date Completed: 3/11/2023  
Notebook Pages: Rebecca Staudenmaier NB #2 pgs. 12

### Quality Control Information

BCA: 0.231 µg/µl Notebook and page(s): RS Notebook #2 Pages 19-22  
Total Protein: 4.139 mg  
Silver Stain Date: 3/16/2023 Notebook and page(s): RS Notebook #2 Page 25

QC Gel: 5 µg  
1 2 3 4 5 6 7 8 9



Lane 1 = Ladder  
Lane 8 = Membrane

### Aliquot Information:

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

4 x 1 mg to BEI  
1 x 139 µg in bulk

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

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