

***Mycobacterium tuberculosis*, Strain H37Rv, Cytosol Fraction****Catalog No. NR-14834**

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**Product Description:**

NR-14834 is a preparation of the cytosol fraction of *Mycobacterium tuberculosis*, strain H37Rv and contains cytosolic proteins and soluble material released from the cell wall during disruption of the bacilli.

**Lot: 70057181****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.CYT 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.

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## WORK SHEET FOR CYTOSOL

### General Information

BEI Catalog Number: NR-14834  
CSU Lot Number: 18.Rv.2.9.5.11.CYT  
Species: Mycobacterium tuberculosis  
Strain: H37Rv

### Sonication and Fractionation Information

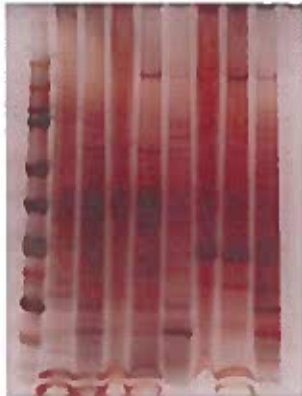
Starting Material (lot#): 18.Rv.2.9.5.11.Wcg.b Cells Irradiated: Yes  
Viability Test Performed: No Viable Organism Detected Cell Amount (wet weight): 74.3 g  
SOP#: PP008.4  
Notebook Pages: Rebecca Staudenmaier NB #2 pgs. 10-12

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: 3.450 µg/µl Notebook and page(s): RS Notebook #2 Pages 19-22  
Total Protein: 580 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 6 = Cytosol

### Aliquot Information:

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

115 vials x 1 mg to BEI  
46 vials x 10 mg bulk  
1 vial x 5 mg bulk

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

[Signature] 4/14/23  
(Laboratory Supervisor) (date)