

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

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

**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: 2036****Manufacturing Date: 18JAN2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.1.20.Cyto is attached.

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## WORK SHEET FOR CYTOSOL

### General Information

BEI Catalog Number: NR-14834  
CSU Lot Number: 17.Rv.1.20.Cyto  
Species: *Mycobacterium tuberculosis*  
Strain: H37Rv

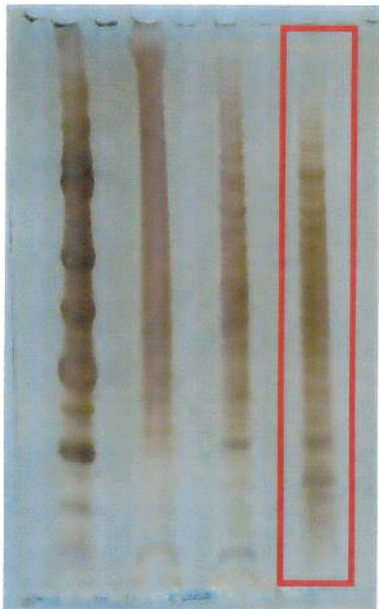
### Sonication and Fractionation Information

Starting material (lot #): 15.Rv.2.2.10.9.WCg.b  
Cells Irradiated: Yes  
Viability Test Performed: No Viable Organism Detected  
Cell amount (wet weight): 75 g  
SOP #: PP008.3 Notebook pages: Kala Early's Notebook #2, pgs. 1-14  
Date of French Press Sonication: 1-9-17; Buffer used: PBS-EDTA with protease inhibitor  
Centrifugation Notes 100,000 x g for 4 hours, 4°C (repeat a second time)  
Date 10 mM ammonium bicarbonate dialysis started: 1/17/17  
date completed: 1/18/17  
Notebook; page(s): First centrifuge spin = Kala Early's Notebook #2, pg. 1, Second centrifuge spin = Kala Early's Notebook #2, pg. 6, Wash membrane pellet with breaking buffer (PBS-EDTA without protease inhibitors) = Kala Early's Notebook #2, pg. 6

### Quality Control Information

BCA: 3.348 µg /µl Notebook and page(s): Kala Early's Notebook #2, pg. 12  
Total Protein: 756.12 mg  
Silver Stain Date: 1/19/17 Notebook and page(s): Kala Early's Notebook #2, pg. 14

### QC Gel:



Cytosol in red box

### Aliquot Information:

120 x 1 mg  
1 x 636.12 mg

Kala Early 1/25/17  
(Research Associate) (date)

C. Flaherty 1/25/17  
(Laboratory Supervisor) (date)