

***Mycobacterium tuberculosis*, Strain H37Rv, Culture Filtrate Proteins****Catalog No. NR-14825**

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

**Product Description:** NR-14825 is a preparation of culture filtrate proteins (CFP) from *Mycobacterium tuberculosis* (*M. tuberculosis*), strain H37Rv and contains most of the excreted and secreted proteins of the organism. The culture was grown to late log phase in glycerol-alanine-salts medium. The culture supernatant was harvested from the live cells and the CFP was concentrated. The concentrated material was dialyzed against 10 mM ammonium bicarbonate and quantitated with the BCA protein assay. Individual lots are subjected to quality control procedures to ensure uniformity and lack of bacterial contamination.

**Lot: 61773626****Manufacturing Date: 20OCT2011**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for the pre-vial bulk lot 11.Rv.2.9.12.6.CFP is attached. Each vial contains approximately 1 mg of culture filtrate proteins from *M. tuberculosis*, strain H37Rv in 10 mM ammonium bicarbonate.

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



## WORK SHEET FOR CULTURE FILTRATE PROTEIN

### General Information

Lot Number: 11.Rv.2.9.12.6.CFP

Species: *Mycobacterium tuberculosis*

Strain: H37Rv

Date Harvested/Finished: 09/26/11

By: Phillip Knabenbauer

NaN<sub>3</sub> Added: Yes or No

Date ultrafiltration started: 10/12/11

Date completed: 10/18/11

Date 10 mM ammonium bicarbonate dialysis started: 10/18/11

date completed: 10/20/11

### Quality Control Information

Clarity of product/suspension after dialysis: Clear

Passed through 0.2 µm filter: Yes or No

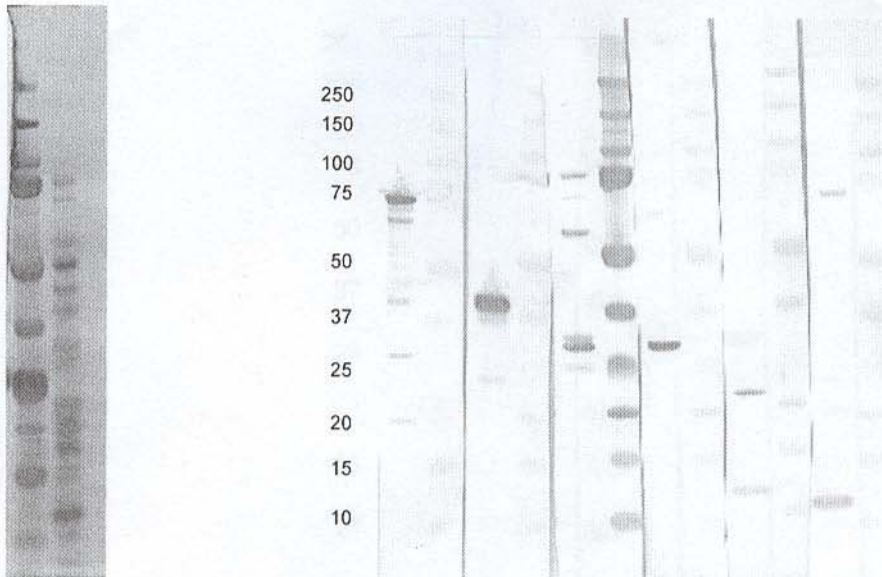
BCA: 1.47 µg /µl. Notebook and page(s): Prucha#1 pg.114

Total volume: 250 ml Total amount of Protein: 367.5 mg

Silver Stain Date: 10/24/11. Notebook and page(s): Prucha #1 pg.114

Western Blot of QC Antibodies Date: 10/26/11. Notebook and page(s): Prucha #1 pg.114

### QC Gel and Blot:



### Aliquot Information:

None

C. Behappy  
(Research Scientist)

10/31/2011  
(date)

[Signature]  
(Laboratory Supervisor)

11/1/11  
(date)