

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: 61056054**Manufacturing Date: 13FEB2013**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for the pre-vial bulk lot 13.Rv.2.1.15.4.CFP is attached. Each vial contains approximately 1 mg of culture filtrate proteins from *M. tuberculosis*, strain H37Rv in 10 mM ammonium bicarbonate.

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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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

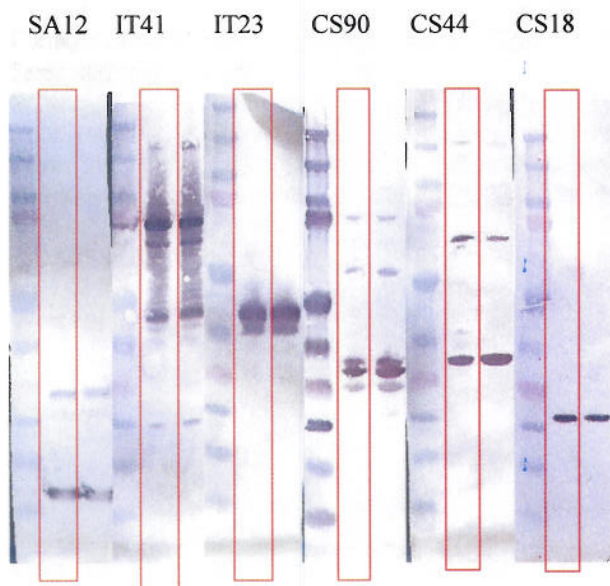
Lot Number: 13.Rv.2.1.15.4.CFP
Species: M. tuberculosis
Strain: H37Rv
Date Harvested/Finished: 1/29/13
By: Anne Simpson
NaN₃ Added: Yes
Date ultrafiltration started: 2/12/13
Date completed: 2/13/13
Date of 10 mM ammonium bicarbonate buffer exchange: 2/13/13

Quality Control Information

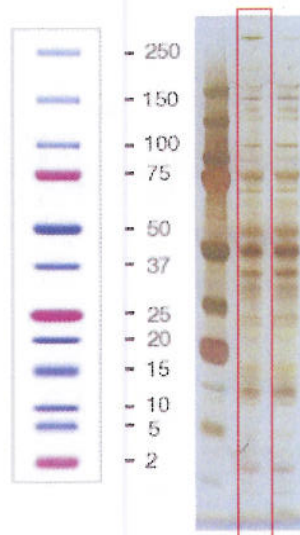
Clarity of product/suspension after dialysis: Clear Brown
Passed through 0.2 µm filter: Yes
BCA: 1.757µg /µl Notebook and page(s): Rachel Hazenfield CFP #1 pg.27
Total volume: 250 ml Total amount of Protein: 439.25 mg
Silver Stain Date: 2/18/13. Notebook and page(s): Rachel Hazenfield CFP #1 pg.21
Western Blot of QC Antibodies Date: 2/19/13 Notebook and page(s): Rachel Hazenfield CFP #1 pg.28

QC Gel and Blot:

Western Blot



Gel



Aliquot Information:

1 x 439.25mg

Rachel Hazenfield
(Research Associate) 2/20/13 (date)

Anna Simpson
(Laboratory Supervisor) 2/20/2013 (date)