

**Ag85A (Rv3804c), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv****Catalog No. NR-14856**

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

**Product Description:** NR-14856 is a preparation of antigen 85A (Ag85A) protein purified from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

**Lot: 62345842****Manufacturing Date: 23APR2014**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 14.Rv.2.4.23.Ag85A is attached.

ATCC<sup>®</sup>, 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<sup>®</sup>'s knowledge.

ATCC<sup>®</sup> is a trademark of the American Type Culture Collection.  
You are authorized to use this product for research use only. It is not intended for human use.



# WORK SHEET FOR PURIFIED NATIVE PROTEINS

## General Information

Lot Number: 14.Rv.2.4.23.Ag85A  
Product: Ag85a, FbpA, Rv3804c  
Species: Mycobacterium tuberculosis  
Strain: H37Rv

## Purification Information

Starting material: CFP lot # 13.Rv.2.8.6.7.CFP, 13.Rv.2.8.20.8.CFP, 13.Rv.2.9.3.9.CFP, 13.Rv.2.7.23.6.CFP, 13.Rv.2.7.9.5.CFP, 13.Rv.2.6.25.9.CFP, 13.Rv.2.6.11.8.CFP, 13.Rv.5.28.7.CFP, & 13.Rv.5.14.6.CFP

Protocol used (SOP #'s): SOP: PP021.4

Date started: 3/19/2014

Date completed: 4/23/2014

Notebook; page(s): Rachel Hazenfield Protein #2 pp. 90-95 & 102-105

Additional notes (if applicable): Purity verified by matrix-assisted laser desorption ionization (MALDI)-

## Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 0.287 mg/ml Notebook and page(s): Rachel Hazenfield Protein #2 p.107

Total volume: 9.449 ml Total amount of Protein: 2.712 mg

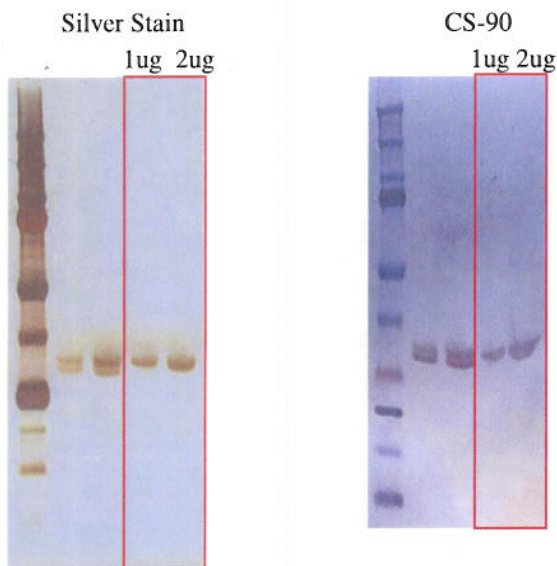
Silver Stain Date: 4/22/14 Notebook and page(s): Rachel Hazenfield Protein #2 p.99

Western blot Date: 4/22/14 Antibody used: CS-90

Notebook and page(s): Rachel Hazenfield Protein #2 p.99

Maldi information/file (if applicable): Printouts in RH #2 notebook pg. 103

## QC Gel and Blot:



## Aliquot Information:

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

10 x 0.25mg 1x 0.212mg

Rachel Hazenfield 4/23/14  
(Research Associate) (date)

[Signature] 4/24/2014  
(Laboratory Supervisor) (date)