

**Ag85A (Gene 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: 70026910****Manufacturing Date: 23AUG2019**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 19.Rv.2.8.23.Ag85A is attached.

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## WORK SHEET FOR PURIFIED NATIVE PROTEINS

### General Information

BEI Catalog Number: NR-14856  
Product Description: Ag85A (Rv3804c)  
CSU Lot Number: 19.Rv.2.8.23.Ag85A  
Species: *M. tuberculosis*  
Strain: H37Rv

### Purification Information

Starting material: CFP: 17.Rv.2.4.5.10.CFP (62.7mg), 17.Rv.2.2.15.11.CFP (64.75mg) 17.Rv.2.3.22.9.CFP (267.25mg), 17.Rv.2.4.19.11.CFP (66.7mg), 17.Rv.2.1.4.8.CFP (200.739mg), 17.Rv.2.9.6.11.CFP (105.48mg), 17.Rv.2.10.18.10.CFP (154.6mg) - 922.219mg total

Starting material (select one):

CFP: Filter Sterilized Yes  
 Cells: Irradiated N/A  
Viability Test Performed: N/A

Protocol used (SOP #'s): PP021.6

Date started: 06 / 18 / 2019

Date completed: 8 / 23 / 2019

Notebook; page(s): Megan Lucas, BEI Production #4, Starting Material: pg 76-77, Purification: 79-89

### Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 1.661  $\mu$ g /  $\mu$ l Notebook and page(s): MCL, BEI Production #4; pg 87

Total Protein: 7.85 mg

Silver Stain Date: 8 / 20 / 2019 Notebook and page(s): MCL, BEI Production #4; pg 88

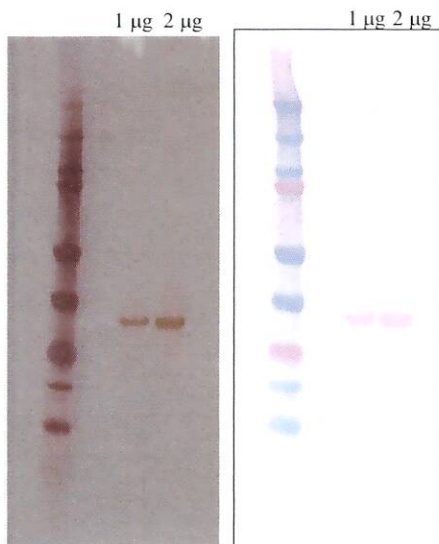
Western blot Date: 8 / 20 / 2019 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #4; pg 88

Mass Spectrometry information/file (if applicable): Fractions and final product analyzed by MALDI for purity.

Final product MALDI data: MCL, BEI Production Notebook #4, pg 89

### QC Gel and Blot:



### Aliquot Information:

31 x 250  $\mu$ g

1 x 100  $\mu$ g

M. Lucas  
(Research Associate)

8-23-19  
(date)

C. McHappay  
(Laboratory Supervisor)

8/23/19  
(date)