

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: 63648716**Manufacturing Date: 11NOV2015**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 15.Rv.2.11.11.Ag85A is attached.

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.

ATCC[®] 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

BEI Catalog Number: NR-14856
Product Description: Ag85A (Rv3804c)
CSU Lot Number: 15.Rv.2.11.11.Ag85A
Species: *M. tuberculosis*
Strain: H37Rv

Purification Information

Starting material: ConA flow through of 40% ammonium sulfate cut (200mg)

Starting material (select one):

CFP: Filter Sterilized Yes

Cells: Irradiated N/A

Viability Test Performed: N/A

Protocol used (SOP #'s): PP021.5

Date started: 10 / 20 / 2015

Date completed: 11 / 11 / 2015

Notebook; page(s): Megan Lucas, BEI Production #2, Starting material: pg. 61-65, Purification: pg. 81-92

Additional notes (if applicable): Phenyl sepharose binding buffer was changed to pH 6.8 and a larger 60mL column was used.

Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 0.508 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #2; pg 91

Total Protein: 2.025 mg

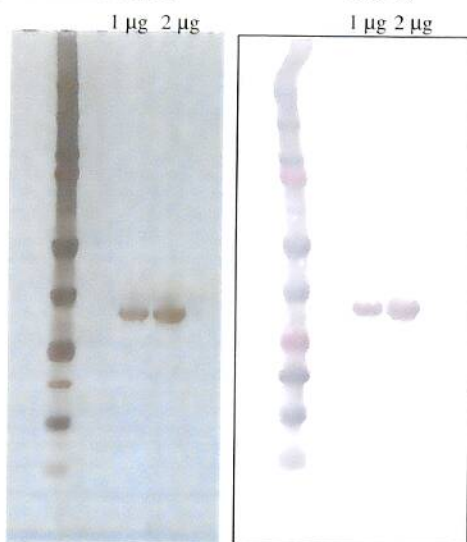
Silver Stain Date: 11 / 11 / 2015 Notebook and page(s): MCL, BEI Production #2; pg 92

Western blot Date: 11 / 11 / 2015 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #2; pg 92

Mass Spectrometry information/file (if applicable): fractions analyzed by MALDI for purity

QC Gel and Blot:



Aliquot Information:

8 x 250 μg

1 x 25 μg

Megan Lucas
(Research Associate)

11-12-15
(date)

C. McHaffey
(Laboratory Supervisor)

11-13-15
(date)