

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: 62795345**Manufacturing Date: 24NOV2014**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 14.Rv.2.11.24.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: Antigen 85 A (Ag85A, Rv3804c)
CSU Lot Number: 14.Rv.2.11.24.Ag85A
Species: M. tuberculosis
Strain: H37Rv

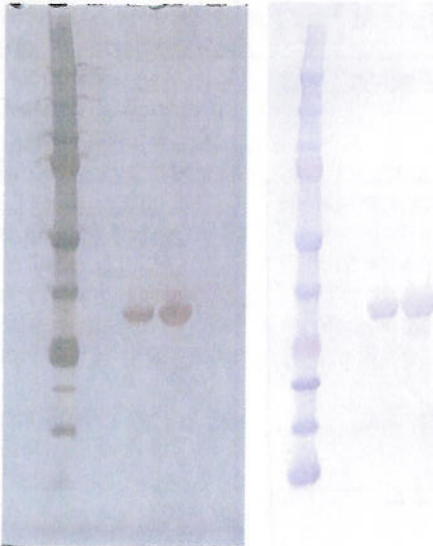
Purification Information

Starting material: 40% Cut CFP (216 mg)
Protocol used (SOP #'s): PP021.5
Date started: 10/27/2014
Date completed: 11/24/2014
Notebook; page(s): Starting Material: Megan Lucas, BEI Production; pg 78-79, Purification: pg. 89-101
Additional notes (if applicable): A second phenyl sepharose column was used with lower pH buffer to obtain more Ag85A from the flow through.

Quality Control Information

Clarity of product/suspension after dialysis: clear
BCA: 2.776 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production; pg 100
Total Protein: 8.68 mg
Silver Stain Date: 11/24/2014 Notebook and page(s): MCL, BEI Production; pg 101
Western blot Date: 11/21/2014 Antibody used: CS-90
Notebook and page(s): MCL, BEI Production; pg 101
Mass Spectrometry information/file (if applicable): _____

QC Gel and Blot:



Aliquot Information:

34 x 250 μg
1 x 180 μg

Megan Lucas
(Research Associate)

12-10-14
(date)

[Signature]
(Laboratory Supervisor)

12/16/14
(date)