

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: 2040**Manufacturing Date: 27FEB2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.2.2.28.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: 17.Rv.2.2.28.Ag85A
Species: *M. tuberculosis*
Strain: H37Rv

Purification Information

Starting material: CFP: 14.Rv.2.7.8.6.CFP.iho, 14.Rv.2.7.22.7.CFP, 14.Rv.2.9.23.5.CFP (976.8 mg total)

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: 8/8/2016

Date completed: 2/27/2017

Notebook: page(s): Megan Lucas, BEI Production #3, pg 4-17 & 55-56

Additional notes (if applicable): 60mL phenyl sepharose column was used.

Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 1.866 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #3; pg 16

Total Protein: 8.055 mg

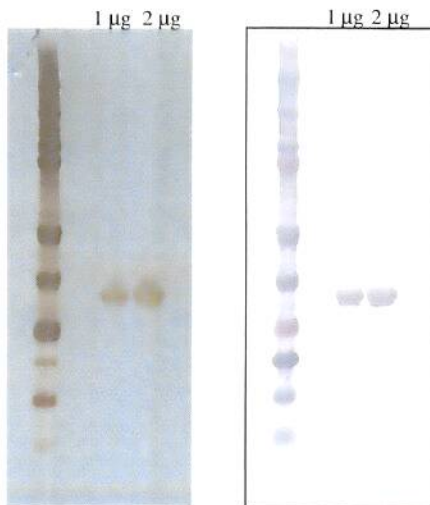
Silver Stain Date: 12/8/2016 Notebook and page(s): MCL, BEI Production #3; pg 16

Western blot Date: 12/12/2016 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #3; pg 16

Mass Spectrometry information/file (if applicable): Final product purity confirmed by MALDI (MCL, BEI Production #3; pg 56)

QC Gel and Blot:



Aliquot Information:

32 x 250 μg

1 x 55 μg

Megan Lucas
(Research Associate)

2-28-17
(date)

C. McHaffey
(Laboratory Supervisor)

2-28-17
(date)