

Ag85B (Gene Rv1886c), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-14857**

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

Product Description: NR-14857 is a preparation of Antigen 85B protein (Ag85B) derived from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 63648717**Manufacturing Date: 11NOV2015**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 15.Rv.2.11.11.Ag85B is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-14857
Product Description: Ag85B (Rv1886c)
CSU Lot Number: 15.Rv.2.11.11.Ag85B
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: 0.867 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #2; pg 91

Total Protein: 7.182 mg

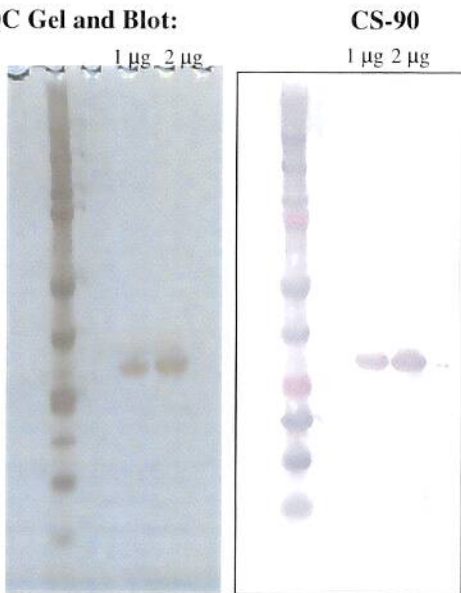
Silver Stain Date: 11 / 11 / 2015 Notebook and page(s): MCL, BEI Production #2; pg 92

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:

28 x 250 μg

1 x 182 μg

Megan Lucas
(Research Associate)

11-12-15
(date)

C. McHapp
(Laboratory Supervisor)

11-13-15
(date)