

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: 2041**Manufacturing Date: 23MAR2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.2.3.23.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: 17.Rv.2.3.23.Ag85B
Species: *M. tuberculosis*
Strain: H37Rv

Purification Information

Starting material: CFP: 13.Rv.2.12.31.4.CFP (229.18 mg), 14.Rv.2.2.25.8.CFP (313.7 mg), 13.Rv.2.9.10.4.CFP (144 mg), 14.Rv.2.1.14.5.CFP (216.125 mg)

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: 1 / 24 / 2017

Date completed: 3 / 23 / 2017

Notebook; page(s): Megan Lucas, BEI Production #3, pg 46-64

Additional notes (if applicable): _____

Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 1.045 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #3; pg 63

Total Protein: 4.146 mg

Silver Stain Date: 3 / 23 / 2017 Notebook and page(s): MCL, BEI Production #3; pg 64

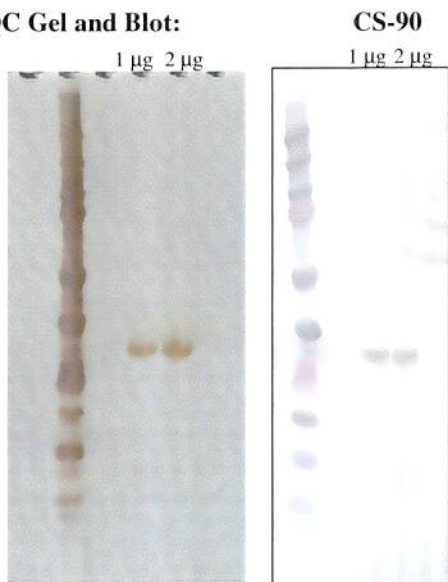
Western blot Date: 3 / 23 / 2017 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #3; pg 64

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

Final product MALDI data: MCL, BEI Production Notebook #3, pg 64

QC Gel and Blot:



Aliquot Information:

16 x 250 μg

1 x 146 μg

Megan Lucas
(Research Associate)

3-24-17
(date)

C. McHale
(Laboratory Supervisor)

3-24-17
(date)