

Ag85C (Gene Rv0129c), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-14858**

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

Product Description:

NR-14858 is a preparation of Antigen 85C protein (Ag85C) derived from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 70026912**Manufacturing Date: 23AUG2019**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 19.Rv.2.8.23.Ag85C is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-14858
Product Description: Ag85C (Rv0129c)
CSU Lot Number: 19.Rv.2.8.23.Ag85C
Species: M. tuberculosis
Strain: H37Rv

Purification Information

Starting material: CFP: 17.Rv.2.4.5.10.CFP (62.7mg), 17.Rv.2.2.15.11.CFP (64.75mg) 17.Rv.2.3.22.9.CFP (267.25mg), 17.Rv.2.4.19.11.CFP (66.7mg), 17.Rv.2.1.4.8.CFP (200.739mg), 17.Rv.2.9.6.11.CFP (105.48mg), 17.Rv.2.10.18.10.CFP (154.6mg) - 922.219mg total

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: 06 / 18 / 2019

Date completed: 8 / 23 / 2019

Notebook; page(s): Megan Lucas, BEI Production #4, Starting Material: pg 76-77, Purification: 79-89

Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 0.552 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #4; pg 85

Total Protein: 1.138 mg

Silver Stain Date: 8 / 20 / 2019 Notebook and page(s): MCL, BEI Production #4; pg 88

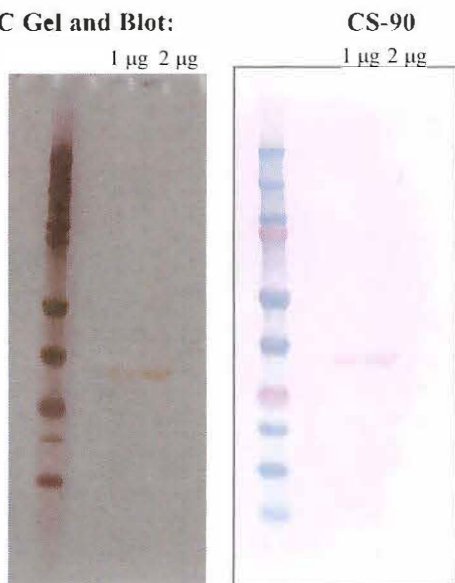
Western blot Date: 8 / 20 / 2019 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #4; pg 88

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

Final product MALDI data: MCL, BEI Production Notebook #4, pg 89

QC Gel and Blot:



Aliquot Information:

4 x 250 μg

1 x 138 μg

[Signature]
(Research Associate)

8-23-19
(date)

[Signature]
(Laboratory Supervisor)

8/23/19
(date)