

Ag85 Complex, Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-14855**

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Product Description:

NR-14855 is a preparation of antigen 85 complex purified from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 70057182**Manufacturing Date: 18NOV2022**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 22.Rv.11.18.Ag85 is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-14855
Product Description: Antigen 85 Complex (Mixture of Rv3804c, Rv1886c, Rv0129c)
CSU Lot Number: 22.Rv.11.18.Ag85
Species: *M. tuberculosis*
Strain: H37Rv

Purification Information

Starting material: 40% Ammonium Sulfate cut- 244g total (from 18.Rv.2.2.28.11.CFP, 20.Rv.2.10.22.8.CFP, 21.Rv.2.6.29.8.CFP, 21.Rv.2.7.13.9.CFP)

Starting material (select one):

☒ CFP: Filter Sterilized Yes
☐ Cells: Irradiated NA

Viability Test Performed: N/A

Protocol used (SOP #'s): PP020.4

Date started: 10.28.22

Date completed: 11.18.22

Notebook; page(s): K. Broder BEI #2 pgs 15-17

Additional notes (if applicable): N/A

Quality Control Information

Clarity of product/suspension after dialysis: Clear

BCA: 3.5 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): KB BEI #2 pg 16

Total Protein: 70 mg

Silver Stain Date: 11.18.22 Notebook and page(s): KB BEI #2 pg 17

Western blot Date: 11.18.22 Antibody used: CS-90

Notebook and page(s): KB BEI #2 pg 17

Mass Spectrometry information/file (if applicable): N/A

QC Gel:

Silver Stain:



Western CS-90:



Aliquot Information:

45 x 0.5 mg aliquots and 47.5 mg froze in bulk

Kellen Puker 2/21/23
(Research Associate) (date)

PH Staudenmaier 2/21/23
(Laboratory Supervisor) (date)