

***Mycobacterium tuberculosis*, Strain HN878, Culture Filtrate Proteins****Catalog No. NR-14827**

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

**Product Description:**

NR-14827 is a preparation of culture filtrate proteins (CFP) from *Mycobacterium tuberculosis*, strain HN878 and contains most of the excreted and secreted proteins of the organism.

**Lot: 70045522****Manufacturing Date: 30JUL2021**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 21.HN878.6.22.9.CFP is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



WORK SHEET FOR CULTURE FILTRATE PROTEIN

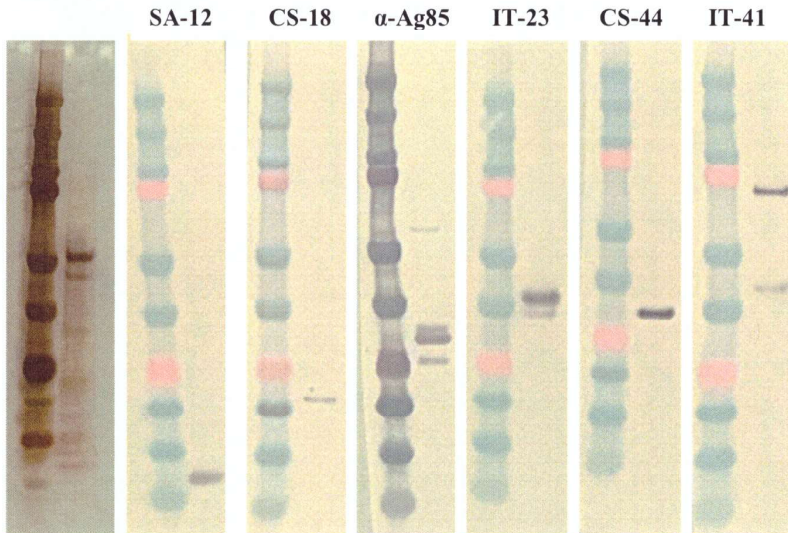
General Information

CSU Lot Number: 21.HN878.6.22.9.CFP  
Species: *M. tuberculosis*  
Strain: HN878  
Date Harvested/Finished: 7/6/2021  
By: A. Simpson  
NaN<sub>3</sub> Added: Yes  
Date ultrafiltration started: 7/21/2021  
Date completed: 7/28/2021  
Date 10 mM ammonium bicarbonate dialysis started: 7/29/2021  
date completed: 7/30/2021

Quality Control Information

Clarity of product/suspension after dialysis: Clear  
Passed through 0.2 µm filter: Yes  
BCA: 1.166 µg /µl Notebook and page(s): Joanie Ryan, BEI #1 p60  
Total Protein: 204.05 mg  
Silver Stain Date: 8/9/2021 Notebook and page(s): Joanie Ryan, BEI #1 p61  
Western Blot of QC Antibodies Date: 8/10/2021  
Notebook and page(s): Joanie Ryan, BEI #1 p61

QC Gel and Blot: Ladder, 5 ug 21.HN878.6.22.9.CFP



Aliquot Information: 75 x 1 mg, remaining 129.05 mg frozen in bulk

Joan M. Dy 8/20/21  
(Research Associate) (date)

C. McHappy 08/25/21  
(Laboratory Supervisor) (date)