

Mycobacterium tuberculosis*, Strain HN878, Cell Wall Fraction*Catalog No. NR-14830**

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

Product Description: NR-14830 is a preparation of the cell wall fraction of *Mycobacterium tuberculosis*, strain HN878 and contains proteins and non-protein compounds such as mAGP.

Lot: 70003293**Manufacturing Date: 03MAR2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.HN878.3.7.CW is attached.

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WORK SHEET FOR CELL WALL

General Information

BEI Catalog Number: NR-14830
CSU Lot Number: 17.HN878.3.7.CW
Species: *Mycobacterium tuberculosis*
Strain: HN878

Sonication and Fractionation Information

Starting material (lot #): 14.HN878.11.11.11.WCg.a
Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected
Cell amount (wet weight): 94.3 g
SOP #: PP008.3 Notebook pages: Kala Early's Notebook #2 pgs. 2-3
Date of French Press Sonication: 2/21-22/17; Buffer used: PBS-EDTA with EDTA-free protease inhibitor, RNase, DNase
Centrifugation Notes 27,000 x g for 1 hour, 4°C (repeat a second time for wash)
Date 10 mM ammonium bicarbonate dialysis started: 3/2/17
date completed: 3/3/17
Notebook; page(s): First centrifugation at 3,000 x g for 30 minutes, at 4°C to remove unbroken cells = Kala Early's Notebook #2, pg. 26 (re-broke cells, centrifuged at 3,000 x g for 30 minutes, at 4°C to collect all broken cells), First and second centrifugations (second to wash) at 27,000 x g = Kala Early's Notebook #2, pg. 26

Quality Control Information

BCA: 10.935 µg /µl Notebook and page(s): Kala Early's Notebook #2, pg. 30
Total Protein: 666.75 mg
Silver Stain Date: 3/6/17 Notebook and page(s): Kala Early's Notebook #2, pg. 33

QC Gel:



*Red box = Cell wall fraction

Aliquot Information:

100 x 1 mg
20 x 1 mg (In-house)
1 x 546.75 mg (In bulk)

Kala Early 3/15/17
(Research Associate) (date)

C. Mahaffey 3/15/17
(Laboratory Supervisor) (date)