

Mycobacterium tuberculosis*, Strain HN878, Whole Cell Lysate*Catalog No. NR-14824**

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

Product Description: *Mycobacterium tuberculosis*, strain HN878 whole cell lysate contains proteins, lipids and carbohydrates present within the bacterial cell.

Lot: 62345837**Manufacturing Date: 21APR2014**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 14.HN878.4.22.WCL is attached.

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WORK SHEET FOR WHOLE CELL LYSATE

General Information

Product Lot Number: 14.HN878.4.22.WCL

Species: *M. tuberculosis*

Strain: HN878

Sonication and Fractionation Information

Starting material (lot #): 12.HN878.4.16.6.WCg

Cell amount (wet weight): 55.2g

SOP #: PP007.3 Notebook pages: Rachel Hazenfield Protein #2 pp. 107-108

Date of French Press Sonication: 4/14/14; Buffer used: PBS-EDTA with protease inhibitor, DNase, and RNase

Centrifugation Notes Centrifuged at 3,000 rpm for 15 minutes at 4°C

Date 10 mM ammonium bicarbonate dialysis started: 4/17/14

date completed: 4/21/14

Notebook; page(s): Rachel Hazenfield Protein #2 pg. 107

Quality Control Information

Clarity of product/suspension after dialysis: milky, off-white (normal)

BCA: 14.658µg /µl

Notebook and page(s): Rachel Hazenfield Protein #2 pg. 107

Total volume: 134.397 ml

Total amount of Protein: 1970 mg

Silver Stain Date: 4/22/14

Notebook and page(s): Rachel Hazenfield Protein #1 pg. 108

QC Gel:



Aliquot Information:

*Aliquot information reflects aliquots made at the time of QC. Bulk aliquots will be broken down as needed.

127x 10 mg; 14 x 50 mg

Rachel Hazenfield 5/27/14
(Research Associate) (date)

[Signature] 5/30/14
(Laboratory Supervisor) (date)