

Mycobacterium tuberculosis*, Strain HN878, Cytosol Fraction*Catalog No. NR-14836**

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

Product Description:

NR-14836 is a preparation of the cytosol fraction of *Mycobacterium tuberculosis*, strain HN878, and contains cytosolic proteins and soluble material released from the cell wall during disruption of the bacilli.

Note: Lot 70003294 is past its indicated expiration date of 08MAR2022. BEI Resources will continue to distribute lot 70003294 to requesting customers on an “as-is” basis. BEI Resources and NIAID make no guarantee regarding the biological, biochemical, or bioactive properties of lot 70003294. The customer assumes the risk of using this product lot.

Lot: 70003294**Manufacturing Date: 03MAR2017**

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

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WORK SHEET FOR CYTOSOL

General Information

BEI Catalog Number: NR-14836
CSU Lot Number: 17.HN878.3.7.Cyto
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 100,000 x g for 4 hours, 4°C (repeat a second time)
Date 10 mM ammonium bicarbonate dialysis started: 3/2/17
date completed: 3/3/17
Notebook; page(s): First centrifuge spin = Kala Early's Notebook #2, pg. 27, Second centrifuge spin = Kala Early's Notebook #2, pg. 27

Quality Control Information

BCA: 1.996 $\mu\text{g}/\mu\text{l}$. Notebook and page(s): Kala Early's Notebook #2, pg. 30
Total Protein: 379.48 mg
Silver Stain Date: 3/6/17 Notebook and page(s): Kala Early's Notebook #2, pg. 33

QC Gel:



*Red box = Cytosol fraction

Aliquot Information:

100 x 1 mg
20 x 1 mg (In-house)
1 x 259.48 mg (In bulk)

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

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