

***Mycobacterium canettii* Whole Cell Lysate**

Catalog No. NR-36498

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

Product Description: NR-36498 is a preparation of the whole cell lysate from *Mycobacterium canettii* and contains proteins, lipids and carbohydrates present within the bacterial cell.

Lot^{1,2}: 61449185

Manufacturing Date: 01DEC2012

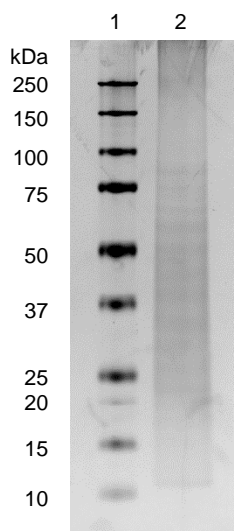
TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Silver Stain)	Report results	Multiple protein bands visible (Figure 1)
Concentration by Bicinchoninic Acid Protein Assay ³	Report results	6.07 mg per mL

¹Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for bulk lot 12.Mc.11.14.WCL is attached.

²Retesting of NR-36498 lot 61449185 was performed by BEI Resources in May 2018 to confirm product stability.

³Using BSA as a standard

Figure 1: SDS-PAGE of NR-36498



Lane 1: Precision Plus Protein™ Standard

Lane 2: NR-36498, 6.07 µg

/Heather Couch/
Heather Couch

12 NOV 2018

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected 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.

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WORK SHEET FOR WHOLE CELL LYSATE

General Information

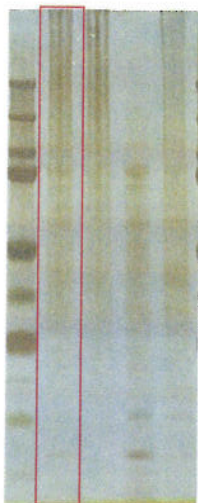
Product Lot Number: 12.Mc.11.14.WCL
Species: M.Canetti

Sonication and Fractionation Information

Starting material (lot #): 12.Mc.11.2.1.7H.a & 12.Mc.11.2.1.7H.b
Cell amount (wet weight): 75g (Only ~37.5g used for this product)
SOP #: PP007.2 Notebook pages: Rachel Hazenfield Protein #1 pp. 89-91
Date of French Press Sonication: 11/14/2012; 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: 11/29/2012
date completed: 12/01/2012
Notebook; page(s): Rachel Hazenfield Protein #1 pp. 90-91

Quality Control Information

Clarity of product/suspension after dialysis: milky, off-white (normal)
BCA: 7.540 $\mu\text{g}/\mu\text{l}$. Notebook and page(s): Rachel Hazenfield Protein #1 pg. 91
Total volume: 105 ml Total amount of Protein: 791.7 mg
Silver Stain Date: 12/04/2012. Notebook and page(s): Rachel Hazenfield Protein #1 pg. 91
QC Gel:



Aliquot Information:

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

79x 10 mg; 1 x 1.7 mg

Rachel Hazenfield 1/30/13
(Research Associate) (date)

[Signature] 1/31/2013
(Laboratory Supervisor) (date)