

***Mycobacterium leprae* Whole Cell Sonicate**

Catalog No. NR-19329

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

Product Description: NR-19329 was produced from a pool of purified *Mycobacterium leprae* whole cells derived from infected liver and spleen tissue. Cells were sonicated for sixty, one-minute cycles and an acid fast stain of the sonicate was performed to confirm complete breakage of the cells.

Lot^{1,2}: 61773628

Manufacturing Date: 09SEP2011

| TEST | SPECIFICATIONS | RESULTS |
|--|----------------|-----------------|
| Concentration by Bicinchoninic Acid Protein Assay ³ | Report results | 0.740 mg per mL |

¹Production was performed by Colorado State University (CSU) and provided as a bulk lot. NRC-19329 bulk lot *M.lep*WCS.Batch#100.09.09.2011.JNK was received as a lyophilized product from CSU and resuspended in cell culture grade water at ATCC®. Approximately 1 mL of a 2 mg/mL solution was dispensed per vial on 24JUN2013, yielding a final amount of 2 mg per vial. Lot 61773628 is provided as a non-lyophilized frozen sonicate. The CSU documentation for lot *M.lep*WCS.Batch#100.09.09.2011.JNK is attached.

²Retesting of NR-19329 lot 61773628 was performed by BEI Resources in April 2017 to confirm product stability.

³Using BSA as a standard

Date: 30 MAY 2017

Signature: 

BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by 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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QC SHEET FOR *M. LEPRAE* WHOLE CELL SONICATE

General Information

Product Lot Number: M.lepWCS.Batch#100.09.09.2011.JNK

Species: Mycobacterium leprae

Strain: NHDPP-63 pool (see below)

Cell prep pool:

| | | | | | | | |
|------------|-------|-------|---------|---------------|------------|-----------|----------|
| Armadillo: | 3R8 | liver | NHDP-63 | Harvest Date: | 02.21.2009 | mg cells: | 1.72 mg |
| Armadillo: | 3R8 | liver | NHDP-63 | Harvest Date: | 02.24.2009 | mg cells: | 0.45 mg |
| Armadillo: | 3R13 | liver | NHDP-63 | Harvest Date: | 02.26.2009 | mg cells: | 6.46 mg |
| Armadillo: | 3B135 | liver | NHDP-63 | Harvest Date: | 02.28.2009 | mg cells: | 8.18 mg |
| Armadillo: | 3R13 | liver | NHDP-63 | Harvest Date: | 12.01.2009 | mg cells: | 3.76 mg |
| Armadillo: | 2012 | liver | NHDP-63 | Harvest Date: | 02.12.2011 | mg cells: | 8.62 mg |
| Armadillo: | 3R3 | liver | NHDP-63 | Harvest Date: | 06.18.2010 | mg cells: | 14.77 mg |
| Armadillo: | 2R83 | liver | NHDP-63 | Harvest Date: | 07.24.2010 | mg cells: | 2.75 mg |
| Armadillo: | 2R83 | liver | NHDP-63 | Harvest Date: | 07.30.2010 | mg cells: | 17.52 mg |
| Armadillo: | 2R83 | liver | NHDP-63 | Harvest Date: | 08.04.2010 | mg cells: | 15.73 mg |
| Armadillo: | 3B156 | liver | NHDP-63 | Harvest Date: | 08.06.2010 | mg cells: | 1.56 mg |
| Armadillo: | 2012 | liver | NHDP-63 | Harvest Date: | 08.13.2010 | mg cells: | 3.84 mg |
| Armadillo: | 2012 | liver | NHDP-63 | Harvest Date: | 08.11.2010 | mg cells: | 5.36 mg |
| Armadillo: | 3U59 | liver | NHDP-63 | Harvest Date: | 09.01.2010 | mg cells: | 8.28 mg |
| Armadillo: | 3U59 | liver | NHDP-63 | Harvest Date: | 09.03.2010 | mg cells: | 3.22 mg |
| Armadillo: | 2008 | liver | NHDP-63 | Harvest Date: | 09.10.2010 | mg cells: | 7.22 mg |
| Armadillo: | 0N45 | liver | NHDP-63 | Harvest Date: | 09.24.2010 | mg cells: | 22.29 mg |
| Armadillo: | 0N45 | liver | NHDP-63 | Harvest Date: | 09.29.2010 | mg cells: | 28.93 mg |
| Armadillo: | 0N45 | liver | NHDP-63 | Harvest Date: | 10.01.2010 | mg cells: | 18.56 mg |
| Armadillo: | 0N44 | liver | NHDP-63 | Harvest Date: | 10.06.2010 | mg cells: | 5.07 mg |
| Armadillo: | 0N44 | liver | NHDP-63 | Harvest Date: | 10.12.2010 | mg cells: | 6.44 mg |
| Armadillo: | 2005 | liver | NHDP-63 | Harvest Date: | 10.19.2010 | mg cells: | 8.47 mg |
| Armadillo: | 3U65 | liver | NHDP-63 | Harvest Date: | 10.22.2010 | mg cells: | 14.46 mg |
| Armadillo: | 3U65 | liver | NHDP-63 | Harvest Date: | 11.16.2010 | mg cells: | 11.47 mg |
| Armadillo: | 3U65 | liver | NHDP-63 | Harvest Date: | 12.02.2010 | mg cells: | 13.47 mg |
| Armadillo: | 3U65 | liver | NHDP-63 | Harvest Date: | 12.08.2010 | mg cells: | 25.23 mg |
| Armadillo: | 0N45 | liver | NHDP-63 | Harvest Date: | 12.10.2010 | mg cells: | 32.88 mg |
| Armadillo: | 3U65 | liver | NHDP-63 | Harvest Date: | 12.15.2010 | mg cells: | 6.26 mg |

SOP # used for Harvest: Protocol 3' 77

Notebook pages: Tissue prep book #1 → pp. 26-29, 68, 85, 114, 123, 125-126, 128-130, 135-138, 141-145, & 147-153.

Weight Total: 301.25 mg

Sonication Information

Starting material (lot #): Batch #101.09.09.2011JNK

SOP #: M. leprae probe sonication protocol Notebook pages: Tissue prep book #2 00/09/2011 → pg. 46&48

Date of Probe Sonication: 09/09/2011 Buffer used: PBS, pH 7.2

Number of cycles: 110 cycles, 8 amplitude, 1 minute on, 40 sec. off, on ice


Quality Control Information

BCA: 35.0mg/ml Notebook and page(s): Tissue prep book #2 05/26/2011 → pg. 47

Total volume: 6.5 ml Total amount of Protein: 227.5mg

Aliquot Information: 2 vials x 113.7mg, lyophilized


Produced 09/09/11


Lab Supervisor / Date 09/09/11