

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* (*M. leprae*) whole cells derived from infected liver and spleen tissue. Cells were sonicated for a series of one-minute cycles, followed by an acid fast stain of the sonicate to confirm complete breakage of cells.

Lot: 70065752**Manufacturing Date: 18JUL2024**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 24.Mlep.07.22.WCS is attached.

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WORK SHEET FOR *M. leprae* WHOLE CELL SONICATE

General Information

BEI Catalog Number: NR-19329
BEI Lot Number: 70065752
CSU Lot Number: 24.Mlep.07.22.WCS
Species: *Mycobacterium leprae*
Strain: NHDP-63

Cell Prep Pool

Armadillo	Tissue	Strain	Harvest Date	mg Cells
18L403	Spleen	NHDP-63	05.23.2024	160.41
18L402	Spleen # 1	NHDP-63	02.16.2024	40.00

SOP# Used for Harvest: PP050.1
Notebook Pages: Tissue Prep Note Book # 4: 83,84,89 and 90
Weight Total: 200.41mg

Sonication Information

Starting material (lot #): See cell prep pool information above
SOP #: PP051 Notebook pages: Megan Lucas, BEI Production #5, pg10
Date of Probe Sonication: 07/18/2024 Buffer used: PBS + Complete protease inhibitor
Number of cycles: 150 cycles, 60 sec on/90 sec off, 20% amplitude

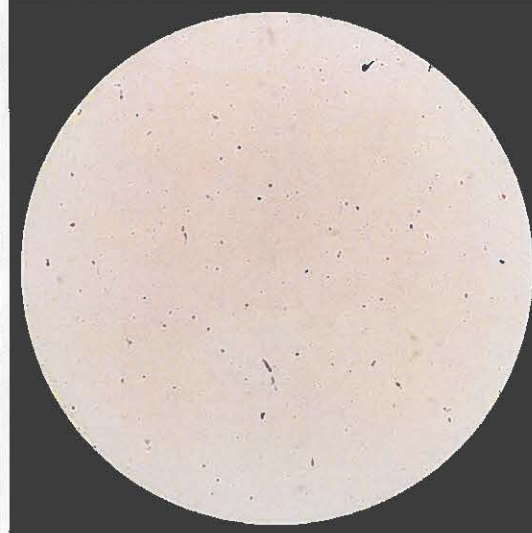
Quality Control Information

BCA: 14.630 $\mu\text{g}/\mu\text{l}$. Notebook and page(s): MCL, BEI Production #5, pg 11
Total Protein: 78 mg

QC Acid Fast Stain:



Before Sonication



After Sonication

Aliquot Information:

39 x 2 mg, lyophilized

M. L.
(Research Associate)

07/24/2024
(date)

[Signature]
(Laboratory Supervisor)

8/21/24
(date)