

***Mycobacterium leprae* Whole Cell Sonicate**

Catalog No. NR-19329

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For research use only. Not for use in humans.

Contributor:

BEI Resources or NIH – Leprosy Research Support Contract

Manufacturer:

Karen Dobos, Ph.D., Colorado State University, Fort Collins, Colorado, USA and NIH – Leprosy Research Support Contract

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.

Material Provided:

Each vial contains approximately 2 mg of lyophilized whole cell sonicate pooled from up to three different strains of *M. leprae*. Please refer to the Certificate of Analysis for information regarding the specific strains used in the production of each lot.

Note: Each vial from lot 61773628 was provided as a non-lyophilized frozen sonicate. Lyophilized MLMA can be reconstituted in distilled water, sterile phosphate buffered saline, pH 7.2, or another suitable buffer.

Packaging/Storage:

NR-19329 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: *Mycobacterium leprae* Whole Cell Sonicate, NR-19329.”

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Cole, S. T., et al. “Massive Gene Decay in the Leprosy Bacillus.” Nature 409 (2001): 1007-1011. PubMed: 11234002.

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