

***Mycobacterium leprae* Whole Cell Sonicate**

**Catalog No. NR-19329**

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**For research use only. Not for human use.**

**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 sixty, one-minute cycles and an acid fast stain of the sonicate was performed to confirm complete breakage of the 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. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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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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