

Genomic DNA from *Mycobacterium leprae*, Strain NHDP

Catalog No. NR-19350

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Contributor:

BEI Resources or NIH – Leprosy Research Support Contract

Manufacturer:

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

Product Description:

NR-19350 is a preparation of genomic DNA from *Mycobacterium leprae*, strain NHDP. DNA was extracted from whole bacilli by chloroform/methanol (2:1) extraction in an equal volume of Tris-EDTA buffer. Cell lipids were removed and the delipidated cells were treated with sodium dodecyl sulphate and Proteinase K. Genomic DNA was isolated from contaminating proteins and polysaccharides by organic extraction and precipitation with isopropanol, respectively.¹

Material Provided:

Each vial of NR-19350 contains approximately 2 µg of lyophilized genomic DNA in Tris-EDTA buffer.

Note: Genomic DNA can be reconstituted in distilled water.

Packaging/Storage:

NR-19350 was packaged aseptically in plastic tubes. 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: Genomic DNA from *Mycobacterium leprae*, Strain NHDP, NR-19350.”

Biosafety Level: 2

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.

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References:

1. Belisle, J. T. and M. G. Sonnenberg. “Isolation of Genomic DNA from Mycobacteria.” [Methods Mol. Biol.](#) 101 (1998): 31-44. PubMed: 9921467.

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