

Genomic DNA from *Mycobacterium leprae*, Strain NHDP**Catalog No. NR-19350**

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

Product Description: NR-19350 is a preparation of genomic DNA extracted from a culture of *Mycobacterium leprae*, strain NHDP. 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.

Lot: 61135779**Manufacturing Date: 18MAY2012**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for bulk lot NHDP63.gDNA.05.18.2012.JNK is attached. This lot was rehydrated (10 mM Tris-HCl, 1 mM EDTA buffer, pH 8), aliquoted and lyophilized at ATCC®. Each vial contains approximately 2 µg of genomic DNA from *Mycobacterium leprae*, strain NHDP.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor 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.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



Genomic DNA Quality Control Record

General Information: NHDP-63 *M. leprae* genomic DNA

Species: *M. leprae*

Strain: NHDP-63

Production Information:

Tissue ID	Tissue	Tissue wt. (g)	Date produced	Produced by	Amount (mg)
3U59	liver	41.5	09.03.2010	JK	10.19
2Q76	liver	31.8	09.08.2010	JK	11.47
2Q76	liver	34.2	02.09.2011	JK	11.59
3U59	liver	36.8	03.23.2012	AA	5.16
3B156	liver	37.4	03.27.2012	AA	20.22

Total Starting Material: 58.63mg *M. leprae* whole cells

SOP #: *M. leprae* DNA purification protocol Date Started: 05/18/2012

Notebook pages: JNK Book #2 pp.150-152, Book#3 pg 5.

Notes: Total yield 54.54 µg

Quality Control:

A₂₆₀/A₂₈₀ ratio: 2.03 Final concentration: 139.8 µg/ml

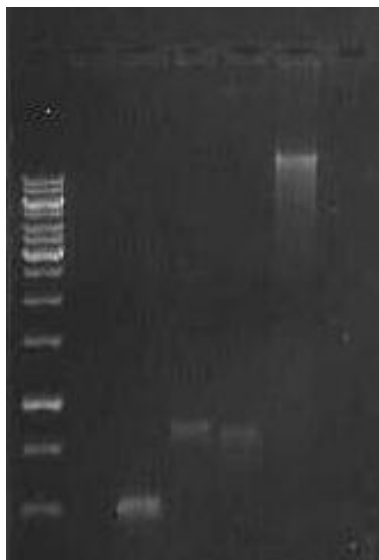
Method used for quantifying/Notebook pgs: Nano Drop

PCR and QC gel SOP #: N/A Notebook pgs: JNK Book#3 pg 6-7, 2 ng of genomic DNA used per PCR reaction

Notes: whole genomic DNA and PCR products of 3 ML genes

PCR Reaction Gel:

Mw 2 3 4 5 6 7



Lane 1 Mw Ladder (1kb)
Lane 2 Negative Control, no template
Lane 3 NHDP-63 ML0277
Lane 4 NHDP-63 ML0393
Lane 5 NHDP-63 ML0333
Lane 6 NHDP 63genomic DNA 300 ng
Lane 7

Aliquot Information: 50µg in TE buffer, lyophilized

Producer 06/24/12

Lab Supervisor 06/24/12