

Genomic DNA from *Mycobacterium tuberculosis*, Strain HN878

Catalog No. NR-14867

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Product Description: NR-14867 is a preparation of genomic DNA extracted from a culture of *Mycobacterium tuberculosis*, strain CDC1551. The culture was grown to late-log phase in glycerol-alanine-salts medium, and harvested by centrifugation. Cell lipids were removed and the delipidated cells were treated with lysozyme and RNase overnight followed by sodium dodecyl sulphate and Proteinase K. DNA was precipitated with isopropanol.

Lot: 60013987

Manufacturing Date: 10NOV2009

TEST	SPECIFICATIONS	RESULTS
Bacterial Inactivation 10% of total yield plated on Middlebrook 7H10 agar with OADC enrichment ^{1,2}	No viable bacteria detected	No viable bacteria detected

¹28 days at 37°C in an aerobic atmosphere with 5% CO₂

²An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-positive and Gram-negative bacteria.

Production and QC testing were performed by Colorado State University (CSU) under the TB Vaccine Testing and Research Materials Contract (NIH). The CSU documentation for lot 09.HN878.10.2.4.gDNA is attached.

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Genomic DNA Quality Control Record

General Information:

Product Lot Number: 09.HN878.10.2.4.gDNA
Species: M. tuberculosis
Strain: HN878

Production Information:

Starting Material: Live Whole Cell Lot Number: 09.HN878.9.12.4
Medium culture grown in: GAS Culture size: 20 L Wet Weight (g): 8 g

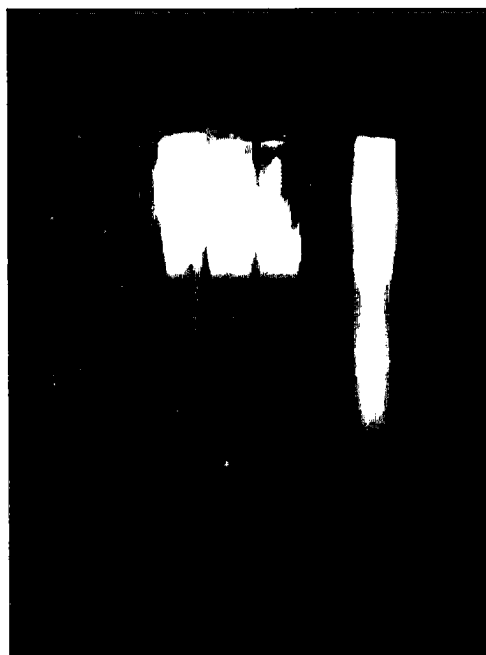
SOP #: PP009.1 Date Started: 10/02/09
Notebook pages: gDNA Notebook 1 pp25-30

Notes: _____

Quality Control:

A₂₆₀/A₂₈₀ ratio: 1.876 Final concentration 1.6 mg/ml
Method used for quantifying/Notebook pgs: OD (A260) gDNA Notebook pp 27-28
RE Digest and Gel; PCR Reaction Gel

1 2 3 4 5



Lanes:

- 1 Supercoiled Ladder
- 2 8 ug
- 3 4 ug
- 4 2 ug
- 5 Control 4 ug 06.HN878.06.13.02.gDNA

Aliquots:

- 12 x 1000 ug = 12000 ug
- 37 x 100 ug = 3700 ug

Philip B. ...
Researcher

Date: 11-10-09

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Supervisor

Date: 11/11/2009