

**Genomic DNA from *Mycobacterium bovis*, Strain AF 2122/97 (ATCC® BAA-935™)**

**Catalog No. NR-31216**

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

**Product Description:** NR-31216 is a preparation of genomic DNA extracted from a culture of *Mycobacterium bovis*, strain AF 2122/97 (ATCC® BAA-935™). The culture was grown to late log phase in sodium pyruvate 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: 61056061**

**Manufacturing Date: 30NOV2012**

TEST	SPECIFICATIONS	RESULTS
<b>Bacterial Inactivation</b> 10% of total yield plated on Middlebrook 7H10 agar with OADC enrichment <sup>1,2</sup>	No viable bacteria detected	No viable bacteria detected

<sup>1</sup>28 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>

<sup>2</sup>An 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). The CSU documentation for lot 12.BAA935.7.23.3.gDNA is attached.

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.

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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:

Product Lot Number: 12.BAA935.7.23.3.gDNA  
Species: M. bovis  
Strain: BAA935

### Production Information:

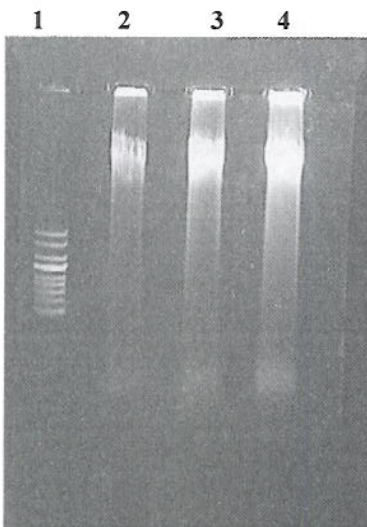
Starting Material: Live Whole Cell Lot Number: 12.BAA935.7.23.3  
Medium culture grown in: SPAS Culture size: 3 L Wet Weight (g): 5 g

SOP #: PP009.1 Date Started: 08/23/12  
Notebook pages: PK gDNA notebook 1 pg. 17-19

Notes: CTAB treatment taken from SOP TN003.1 prior to SOP PP009.1

### Quality Control:

A<sub>260</sub>/A<sub>280</sub> ratio: 1.809 Final concentration 2257.184 ug  
Method used for quantifying/Notebook pgs: EPOCH GENE5 Take3 plate, PK gDNA notebook 1 pg. 19  
RE Digest and Gel; PCR Reaction Gel

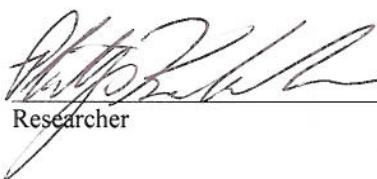


#### Lanes:

- 1 Supercoiled Ladder
- 2 2 ug
- 3 4ug
- 4 6ug

#### Aliquots:

22 x 100.0 ug = 2200 ug  
1 x 58 ug = 58 ug

  
Researcher

Date: 11/30/12

  
Supervisor

Date

11/30/2012