

**Genomic DNA from *Mycobacterium tuberculosis*, Strain Indo-Oceanic T17X**

**Catalog No. NR-44096**

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**Product Description:** NR-44096 is a preparation of genomic DNA extracted from a culture of *Mycobacterium tuberculosis*, strain Indo-Oceanic T17X. 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: 62359954**

**Manufacturing Date: 15JAN2014**

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 14.IO.1.7.gDNA is attached.

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## Genomic DNA Quality Control Record

### General Information:

Product Lot Number: 14.IO.1.7.gDNA  
Species: *Mycobacteria tuberculosis*  
Strain: Indo Oceanic T17x

### Production Information:

Starting Material: Live Whole Cells Lot Number: 13.IO.12.24.7.WCg  
Medium culture grown in: GAS Culture size: 16L Wet Weight (g): 9.6g  
SOP #: PP009.2 Date Started: 01.07.14  
Notebook pages: AS Book#8p14 & JNKBook#3pp99-100

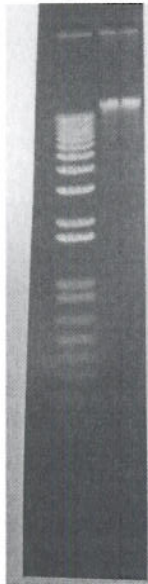
Notes: N/A

### Quality Control:

$A_{260}/A_{280}$  ratio: 1.97 Final concentration: 1.39mg/mL Volume: 5mL  
Method used for quantifying/Notebook pgs: EPOCH GENES Take3 plate/ JNK Book#3 pp101-102

### 0.8% Agarose Gel

Lanes:  
1 11kB Ladder  
2 ~300ng gDNA



Aliquots: 0.1mg x 20 vials, remaining will be aliquoted as needed.

Jade Kovich  
Researcher

Date: 1/15/14

[Signature]  
Supervisor

Date: 1/17/2014