

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

### Catalog No. NR-44096

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### For research use only. Not for human use.

#### Contributor:

BEI Resources

#### Manufacturer:

Karen Dobos, Ph.D., Colorado State University, Fort Collins, Colorado

#### 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.

#### Material Provided:

Each vial of NR-44096 contains approximately 100 µg of genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA buffer, pH 8).

#### Packaging/Storage:

NR-44096 was packaged aseptically in a tube. The product is provided frozen on blue ice and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Mycobacterium tuberculosis*, Strain Indo-Oceanic T17X, NR-44096."

#### Biosafety Level: 1

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](http://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 *Mycobacterium*." Methods Mol. Bio. 101 (1998): 31-34. PubMed: 9921467.
2. Garnier, T., et al. "The Complete Genome Sequence of *Mycobacterium tuberculosis*." Proc. Natl. Acad. Sci. USA 24 (2003): 7877-7882. PubMed: 12788972.

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