

**Genomic DNA from *Mycobacterium bovis*, Strain TB17-02518**

**Catalog No. NR-59208**

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**For research use only. Not for use in humans.**

**Contributor:**

BEI Resources

**Manufacturer:**

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**Product Description:**

NR-59208 is a preparation of genomic DNA extracted from a culture of *Mycobacterium bovis* (*M. bovis*), strain TB17-02518. 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 contains approximately 25 µg of genomic DNA from *M. bovis*, strain TB17-02518 in TE buffer (10 mM Tris-HCl, 1 mM EDTA buffer, pH 8).

**Packaging/Storage:**

NR-59208 was packaged aseptically in cryovials. 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 avoided.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Mycobacterium bovis*, Strain TB17-02518, NR-59208.”

**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 \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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**References:**

1. Belisle, J. T. and M. G. Sonnenberg. “Isolation of Genomic DNA from Mycobacteria.” [Methods Mol. Biol.](#) 101 (1998): 31-44. PubMed: 9921467.

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