

Genomic DNA from *Brucella melitensis*, Strain 16M

Catalog No. NR-9948

For research use only. Not for human use.

Contributor:
ATCC®

Manufacturer:
BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Brucella melitensis* (*B. melitensis*), strain 16M, biovar 1.

B. melitensis, strain 16M (also referred to as NCTC 10094) is the type strain for *B. melitensis* and was isolated from an infected goat by persons from the Bureau of Animal Industry in Washington, D.C. It was deposited to ATCC® in 1967 by Dr. W. J. Brinley-Morgan, from The Central Veterinary Laboratory in Weybridge, England. The complete genomic sequence of *B. melitensis*, strain 16M is available (GenBank: [AE008917](#) and [AE008918](#)).¹

NR-9948 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

Material Provided:

Each vial contains approximately 0.7 µg to 1.5 µg of genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 8.0). The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-9948 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder immediately upon arrival. For long-term storage, the product should be stored at -80°C. 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 *Brucella melitensis*, Strain 16M, NR-9948."

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.

Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:

This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

References:

1. DelVecchio, V. G., et al. "The Genome Sequence of the Facultative Intracellular Pathogen *Brucella melitensis*." Proc. Natl. Acad. Sci. USA 99 (2002): 443-448. PubMed: 11756688.

ATCC® is a trademark of the American Type Culture Collection.

