

## Genomic DNA from *Brucella abortus*, Strain B3196 (NCTC 10504)

### Catalog No. NR-50052

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

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

#### Contributor:

Centers for Disease Control and Prevention, Atlanta, Georgia, USA

#### Manufacturer:

BEI Resources

#### Product Description:

Genomic DNA was extracted from a preparation of *Brucella abortus* (*B. abortus*), strain B3196 (NCTC 10504).

*B. abortus*, strain B3196 (NCTC 10504), biovar 5, was isolated from bovine uterine discharge in 1959 by The Central Veterinary Laboratory in Weybridge, England. It was deposited to ATCC® in 1967 by Dr. W. J. Brinley-Morgan of The Central Veterinary Laboratory, Ministry of Agriculture, Fisheries and Food, New Haw, Weybridge, Surrey, England. The complete genome sequence of *B. abortus*, strain B3196 is available (GenBank: [ACXC000000000](https://www.ncbi.nlm.nih.gov/nuccore/ACXC000000000)).<sup>1</sup>

NR-50052 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

#### Material Provided:

Each vial of NR-50052 contains 0.7 µg to 1.5 µg of bacterial genomic DNA in 10 mM Tris-HCl, pH 8 - 8.5. The vial should be centrifuged prior to opening.

#### Packaging/Storage:

NR-50052 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. Freeze-thaw cycles should be minimized. Note: NR-50052 is not provided in EDTA; for long-term storage, EDTA may be added to a final concentration of 0.1 mM to 1 mM.

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Brucella abortus*, Strain B3196 (NCTC 10504), NR-50052."

#### 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).

#### 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](http://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. Minogue, T. D., et al. "Whole-Genome Sequences of 24 *Brucella* Strains." *Genome Announc.* 2 (2014): e00915-14. PubMed: 25237024.

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

