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

Catalog No. NR-50052
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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: ACXC00000000).¹

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

Disclaimers:
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References:

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