

Genomic DNA from *Brucella suis*, Strain Thomsen

Catalog No. NR-9955

For research use only. Not for human use.

Contributor:
ATCC®

Manufacturer:
BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Brucella suis* (*B. suis*), strain Thomsen, biovar 2.

Note: The label on the vial is incorrect; NR-9955 was extracted from ATCC® 23445™ not NR-303.

Brucella suis (*B. suis*), strain Thomsen (also referred to as NCTC 10510), was isolated in 1951 from a hare in Denmark^{1,2} and deposited to the ATCC® in 1967 by W. J. Brinley Morgan from The Central Veterinary Laboratory, Ministry of Agriculture, Fisheries and Food, in Weybridge, Surrey, England. *B. suis*, strain Thomsen was deposited as a reference strain for biovar 2. The complete genome sequence of *B. suis*, strain Thomsen is available (GenBank: [CP000911](#) and [CP000912](#)).

NR-9955 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 10 mM Tris-HCl, pH 8 - 8.5. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-9955 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.

Note: NR-9955 was not provided in ethylenediamine-tetraacetic acid (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 suis*, Strain Thomsen, NR-9955."

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:

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References:

1. Brinley Morgan, W. J., Personal Communication.
2. Meyer, M. E. and W. J. B. Morgan. "Designation of Neotype Strains and of Biotype Reference Strains for Species of the Genus *Brucella* Meyer and Shaw." Int. J. Syst. Bacteriol. 23 (1973): 135-141.

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