

## Genomic DNA from *Brucella suis*, Strain 40

Catalog No. NR-9957

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### Contributor:

ATCC®

### Manufacturer:

BEI Resources

### Product Description:

Genomic DNA was extracted from a preparation of *Brucella suis* (*B. suis*), strain 40, biovar 4.

*B. suis*, strain 40 (also referred to as NCTC 10385 and B2853/63), was isolated in 1960 from a reindeer in Russia (USSR)<sup>1,2</sup> and deposited to ATCC® by W. J. B. Morgan from The Central Veterinary Laboratory, Ministry of Agriculture, Fisheries and Food, in Weybridge, Surrey, England. The complete genome of *B. suis*, strain 40 has been sequenced (GenBank: [ACJK000000000](https://www.ncbi.nlm.nih.gov/nuccore/ACJK000000000)). *B. suis*, strain 40 is a reference strain for biotype 4.

NR-9957 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 to 8.5. The vial should be centrifuged prior to opening.

### Packaging/Storage:

NR-9957 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-9957 was not provided in ethylenediamine-tetraacetic acid (EDTA); for long-term storage, EDTA may be added to a final concentration of 1 mM.

### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Brucella suis*, Strain 40, NR-9957."

### 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).

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### References:

- Morgan, W. J. B., Personal Communication.
- 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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