Genomic DNA from *Brucella suis*, Strain 40

**Catalog No. NR-9957**

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 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)\(^1,2\) 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: **ACJK00000000**). *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 ethylenediaminetetraacetic 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**


**Disclaimers:**
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**References:**
1. Morgan, W. J. B., Personal Communication.

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