

Genomic DNA from *Bacillus licheniformis*, Strain Gibson 46

Catalog No. NR-52275

For research use only. Not for use in humans.

Contributor:
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Manufacturer:
BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Bacillus licheniformis* (*B. licheniformis*), strain Gibson 46.

B. licheniformis, strain Gibson 46, also known as NCIB 9375, was deposited at ATCC® in 1962 by Dr. Ruth E. Gordon, Institute of Microbiology, Rutgers University, New Brunswick, New Jersey, USA. The complete genome of *B. licheniformis*, strain Gibson 46 has been sequenced (GenBank: [CP000002](https://www.ncbi.nlm.nih.gov/nuccore/CP000002)).¹

NR-52275 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 TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH 8 to 8.5). The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-52275 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.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Bacillus licheniformis*, Strain Gibson 46, NR-52275.”

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](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Rey, M. W., et al. “Complete Genome Sequence of the Industrial Bacterium *Bacillus licheniformis* and Comparisons with Closely Related *Bacillus* Species.” [Genome Biol.](#) 5 (2004): R77.1-R77.12. PubMed: 15461803.

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