

Genomic DNA from *Bacillus megaterium*, Strain Ford 19 (Gibson 1060)

The strain designation on the vial is incorrect.

Catalog No. NR-2543

For research use only. Not for human use.

Contributor:
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Product Description:

Genomic DNA was isolated from a preparation of *Bacillus megaterium*, strain Ford 19 (Gibson 1060).

Bacillus megaterium is a Gram-positive, spore-forming aerobe. It is one of the largest and most common of the spore-bearing bacteria and has been found in dust, soil, milk, water, and as a lab contaminant.

NR-2543 has been qualified for PCR applications by amplification of ~ 735 bp of the 16S ribosomal RNA.

Material Provided:

Each vial contains 1–3 µg of dried bacterial genomic DNA. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-2543 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Genomic DNA from *Bacillus megaterium*, Strain Ford 19 (Gibson 1060), NR-2543."

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm.

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References:

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2. Smith, N. R., T. Gibson, R. E. Gordon, and P. H. A. Sneath. "Type Cultures and Proposed Neotype Cultures of Some Species in the Genus *Bacillus*." J. Gen. Microbiol. 34 (1964): 269–272. PubMed: 14135533.
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5. Chiou, C.-Y., H.-H. Wang, and G.-C. Shaw. "Identification and Characterization of the Non-PTS *fru* Locus of *Bacillus megaterium* ATCC 14581." Mol. Genet. Genomics 268 (2002): 240–248. PubMed: 12395198.

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