

Product Information Sheet for NR-4195

Genomic DNA from *Bacillus cereus*, Strain FDA 5

Catalog No. NR-4195

For research use only. Not for human use.

Contributor:

ATCC®

Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from a preparation of *Bacillus cereus*, strain FDA 5.

Bacillus cereus, strain FDA 5 (ATCC® 10702™), also known as Lederle 5, is a lab isolate that was used by Lederle Laboratories for the determination of aureomycin in body fluids in the late 1940s.¹

NR-4195 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA gene.

Material Provided:

Each vial of lot 59902239 contains 0.7 to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8). Each vial of lot 57673202 contains 4 to 6 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 7.4). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-4195 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 BEI Resources, NIAID, NIH: Genomic DNA from *Bacillus cereus*, Strain FDA 5, NR-4195."

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 <http://www.cdc.gov/biosafety/publications/bmbl5/index.htm>.

Disclaimers:

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References:

1. Dornbush, A. C. and E. J. Pelcak. "The Determination of Aureomycin in Serum and Other Body Fluids." Ann. N. Y. Acad. Sci. 51 (1948): 218-220. PubMed: 18112229.

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