Genomic DNA from \textit{Geobacillus stearothermophilus}, Strain NCA 1518 (CIP 52.81)

Catalog No. NR-2549

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Contributor: ATCC®

Product Description: Genomic DNA was isolated from a preparation of \textit{Geobacillus stearothermophilus}, strain NCA 1518 (CIP 52.81).

\textit{Geobacillus stearothermophilus} (formerly \textit{Bacillus stearothermophilus})\(^1\) is a Gram-positive, spore-forming, aerobic microorganism with a high optimal growth temperature (45–70°C) that is widely distributed in nature. \textit{Geobacillus stearothermophilus}, strain NCA 1518 was isolated from under-processed canned food at the National Canners Association, Washington, DC.\(^2\)

NR-2549 has been qualified for PCR applications by amplification of ~740 bp of 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-2549 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 \textit{Geobacillus stearothermophilus}, Strain NCA 1518 (CIP 52.81), NR-2549."

Biosafety Level: 1


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References:

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