Genomic DNA from *Bacillus licheniformis*, Strain NRS 712

Catalog No. NR-2541

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Contributor:  
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Product Description:  
Genomic DNA was isolated from a preparation of *Bacillus licheniformis*, strain NRS 712.

*Bacillus licheniformis* (B. licheniformis) is a Gram-positive, spore-forming, facultative anaerobe that is widely distributed as a saprophytic organism in the environment. It is a common contaminant in raw milk and its spores are highly resistant to pasteurization treatments. In addition, *B. licheniformis* can cause a variety of infections in humans including meningitis. *B. licheniformis* is used to manufacture enzymes, antibiotics, and biochemicals.

*B. licheniformis*, strain NRS 712 was isolated in 1938 from flour and reportedly produces D-glutamic acid polypeptide.

NR-2541 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-2541 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 licheniformis*, Strain NRS 712, NR-2541.”

Biosafety Level: 1  

Disclaimers:  
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References:  

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