Genomic DNA from *Salmonella enterica* subsp. *enterica*, Strain DT4 (LT2)

Catalog No. NR-15234

For research use only. Not for human use.

Contributor:
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Product Description:
Genomic DNA was obtained from a preparation of *Salmonella enterica* (*S. enterica*) subsp. *enterica*, strain DT4 (LT2).

*S. enterica* subsp. *enterica* serovar Typhimurium, strain LT2 was isolated in the 1940s by Lilleengen and typed based on phage sensitivity. The complete genome for *S. enterica* subsp. *enterica* serovar Typhimurium, strain LT2 has been sequenced (GenBank: AE006468) and is known to contain a plasmid, pSLT (GenBank: AE006471), that encodes supplementary virulence factors.

NR-15234 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA.

Material Provided:
Each vial 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-15234 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. 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 *Salmonella enterica* subsp. *enterica*, Strain DT4 (LT2), NR-15234.”

Biosafety Level: 1


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References:

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