Genomic DNA from *Escherichia coli*, Strain E2539C1

Catalog No. NR-3043

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**Contributor:**
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**Product Description:**
Genomic DNA was isolated from a preparation of *Escherichia coli* (*E. coli*), strain E2539C1, serotype O25:K98:NM.

Enterotoxigenic *E. coli* (ETEC), strain E2539C1 was isolated from human feces from a shipboard outbreak of diarrheal illness in 1976. *E. coli*, strain E2539C1 is reported to produce heat-labile toxin (LT).1,2

NR-3043 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA.

**Material Provided:**
Each vial contains 4–6 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl pH 7.4, 1 mM EDTA, pH 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**
NR-3043 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 *Escherichia coli*, Strain E2539C1, NR-3043.”

**Biosafety Level:** 1


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**References:**

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