Genomic DNA from *Escherichia coli*, Strain EH1534

Catalog No. NR-10337

For research use only. Not for human use.

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**Product Description:**
Genomic DNA was isolated from a preparation of *Escherichia coli* (*E. coli*), strain EH1534, serotype O26:H11.

*E. coli*, strain EH1534, was isolated from a stool sample of a two year old female during the 2007 verocytotoxin-producing *E. coli* (VTEC) outbreak in Belgium.¹

*E. coli*, strain EH1534 is reported to have virulence markers VT1, eaeA, eihxA, espP and kafP and an incomplete OI 122 pathogenicity island.²

NR-10337 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-10337 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 EH1534, NR-10337.”

**Biosafety Level: 1**

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**References:**

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