Genomic DNA from *Escherichia coli*, Strain CoGen001854

Catalog No. NR-4631

For research use only. Not for human use.

Contributor and Manufacturer:
BEI Resources

Product Description:
Genomic DNA was isolated from a preparation of *Escherichia coli* (*E. coli*), strain CoGen001854, an isolate from Illinois that was obtained during the 2006 California spinach outbreak.1

The *E. coli* (O157:H7) isolated during the 2006 California spinach outbreak are defined by a common set of 14 distinct chromosomal markers.2

NR-4631 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

Material Provided:
Each vial contains 4 to 6 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl, 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-4631 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 BEI Resources, NIAID, NIH: Genomic DNA from *Escherichia coli*, Strain CoGen001854, NR-4631.”

Biosafety Level: 1

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References:


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