

Genomic DNA from *Escherichia coli*, Strain 87-1713

Catalog No. NR-19884

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from a preparation of *Escherichia coli* (*E. coli*), strain 87-1713, serotype O145:H6. **Note: The label refers to this item as strain 87-1713 (10i). The (10i) is a lab designation that was used for tracking and is not part of the strain name.**

Enterohemorrhagic *E. coli* (EHEC), strain 87-1713 is a human isolate from Canada, 1987.¹ *E. coli*, strain 87-1713 was selected to undergo complete genome sequencing at the [J. Craig Venter Institute](http://www.jcvi.org).

NR-19884 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA.

Material Provided:

Each vial contains 0.7 to 1.5 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-19884 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 87-1713, NR-19884."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed.

Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

Disclaimers:

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References:

1. Reid, S. D., D. J. Betting, and T. S. Whittam. "Molecular Detection and Identification of Intimin Alleles in Pathogenic *Escherichia coli* by Multiplex PCR." [J. Clin. Microbiol.](#) 37 (1999): 2719-2722. PubMed: 10405431.
2. Kapur, V., et al. "Genome Sequencing and Analysis of Pathogenic *Escherichia coli* Strains." [J. Craig Venter Institute](#). (2009) <http://gsc.jcvi.org/projects/gsc/e_coli/index.shtml>

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