

### Genomic DNA from *Escherichia coli*, Strain UMN 308 (BAA-1162)

Catalog No. NR-3056

**For research use only. Not for human use.**

**Contributor:**  
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**Product Description:**

Genomic DNA was isolated from a preparation of *Escherichia coli* (*E. coli*), strain UMN 308.

This uropathogenic *E. coli* (UPEC) strain was isolated in 1999 from the large intestine of a female volunteer in Minnesota, U.S.A.<sup>1</sup>

NR-3056 has been qualified for PCR applications by amplification of ~ 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 vial should be centrifuged prior to opening.

**Packaging/Storage:**

NR-3056 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 UMN 308 (BAA-1162), NR-3056.”

**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. 4th ed. Washington, DC: U.S. Government Printing Office, 1999. HHS Publication No. (CDC) 93-8395. This text is available online at [www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm).

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**References:**

1. Sannes, M. R., M. A. Kuskowski, and J. R. Johnson. “Antimicrobial Resistance of *Escherichia coli* Strains Isolated from Urine of Women with Cystitis or Pyelonephritis and Feces of Dogs and Healthy Humans.” J. Am. Vet. Med. Assoc. 225 (2004): 368-373. PubMed: 15328711.

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