

**Genomic DNA from *Campylobacter jejuni* subsp. *jejuni*, Strain MK 104**

**Catalog No. NR-4118**

(Derived from ATCC® 43446™)

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

**Contributor:**

ATCC®

**Manufacturer:**

BEI Resources

**Product Description:**

Genomic DNA was isolated from a preparation of *Campylobacter jejuni* subsp. *jejuni*, MK 104, serotype O:19. Strain MK 104 was isolated by Dr. M. Karmali from human feces at The Hospital for Sick Children in Toronto, Ontario, Canada. This strain was deposited to the ATCC® by Dr. J. L. Penner in 1986.<sup>1</sup>

NR-4118 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 µg 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-4118 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 *Campylobacter jejuni* subsp. *jejuni*, Strain MK 104, NR-4118."

**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/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Penner, J. L., J. N. Hennessy and R. V. Congi. "Serotyping of *Campylobacter jejuni* and *Campylobacter coli* on the Basis of Thermostable Antigens." [Eur. J. Clin. Microbiol.](#) 2 (1983): 378-383. PubMed: 6628376.

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