

Genomic DNA from *Campylobacter jejuni*, Strain HB95-29

Catalog No. NR-3060

For research use only. Not for human use.

Contributor:

University of Pennsylvania

Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from a preparation of *Campylobacter jejuni* (*C. jejuni*), strain HB95-29.

C. jejuni, strain HB95-29 (RM3146) was isolated in 1995 from the stool of a patient with Guillain-Barré syndrome exhibiting acute motor axonal neuropathy in the Hebei Province of China.¹

NR-3060 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

Material Provided:

Each vial of lot 59670688 contains 0.7 to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8). Each vial of lot 7642459 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-3060 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*, Strain HB95-29, NR-3060."

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm.

Disclaimers:

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References:

1. Sheikh, K. A., et al. "Campylobacter jejuni Lipopolysaccharides in Guillain-Barré Syndrome: Molecular Mimicry and Host Susceptibility." Neurology 51 (1998): 371-378. PubMed: 9710005.
2. Batchelor, R. A., et al. "Nucleotide Sequences and Comparison of Two Large Conjugative Plasmids from Different *Campylobacter* Species." Microbiology 150 (2004): 3507-3517. PubMed: 15470128.
3. Friis, L. M., et al. "A Role for the *Tet(O)* Plasmid in Maintaining *Campylobacter* Plasticity." Plasmid 57 (2007): 18-28. PubMed: 16934869.

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