

**Genomic DNA from *Listeria monocytogenes*, Strain FSL N1-017**

**Catalog No. NR-13348**

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

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Genomic DNA was obtained from a preparation of *Listeria monocytogenes* (*L. monocytogenes*), strain FSL N1-017.

*L. monocytogenes*, strain FSL N1-017 was isolated from trout in brine and has a ribotype exclusive to food sources. It is not associated with any human disease cases.<sup>1,2</sup> The complete genome of strain FSL N1-017 has been drafted (GenBank: AARP00000000).<sup>3</sup> For more sequencing information, refer to the Broad Institute's [Listeria Genome Project](#).

NR-13348 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 and 1 mM EDTA, pH ~ 8). Note: Lot 58580373 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-13348 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 *Listeria monocytogenes*, Strain FSL N1-017, NR-13348."

**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](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm).

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**References:**

1. [Broad Institute Listeria monocytogenes Database](#)
2. Gray, M.J., et al. "*Listeria monocytogenes* Isolates from Foods and Humans Form Distinct but Overlapping Populations." *Appl. Environ. Microbiol.* 70 (2004): 5833-5841. PubMed: 15466521.

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