

Genomic DNA from *Listeria monocytogenes*, Strain FSL J2-071**Catalog No. NR-13349****For research use only. Not for human use.****Contributor:**

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Product Description:

Genomic DNA was obtained from a preparation of *Listeria monocytogenes* (*L. monocytogenes*), strain FSL J2-071. *L. monocytogenes*, strain FSL J2-071 was isolated in New York in February 1994 from a case of bovine septicemia.¹

The complete genome of *L. monocytogenes*, strain FSL J2-071 has been drafted (GenBank: AARN04000000).² For more sequencing information, refer to the Broad Institute's [Listeria Genome Project](#).

NR-13349 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA.

Material Provided:

Each vial 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-13349 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 *Listeria monocytogenes*, Strain FSL J2-071, NR-13349."

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/bmb15/bmb15toc.htm.

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References:

1. Dr. Patrick McDonough, personal communication.
2. [Broad Institute *Listeria monocytogenes* Database](#)
3. Liu, D., et al. "Listeria Monocytogenes Subgroups IIIA, IIIB, and IIIC Delineate Genetically Distinct Populations with Varied Pathogenic Potential." *J. Clin. Microbiol.* 44 (2006): 4229-4233. PubMed: 17005751.
4. Glaser, P., et al. "Comparative Genomics of *Listeria* Species." *Science* 294 (2001): 849-852. PubMed: 11679669. GenBank: AARN04000000.

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