

Genomic DNA from *Listeria monocytogenes*, Strain FSL N3-165

Catalog No. NR-13350

For research use only. Not for human use.

Contributor and Manufacturer:

BEI Resources

Product Description:

Genomic DNA was obtained from a preparation of *Listeria monocytogenes* (*L. monocytogenes*), strain FSL N3-165.

L. monocytogenes, strain FSL N3-165 is an environmental serotype associated with soil samples from control farms without diseased animals.^{1,2}

The whole genome shotgun sequence of *L. monocytogenes*, strain FSL N3-165 is available (GenBank: [AARQ02000000](http://www.ncbi.nlm.nih.gov/GenBank/AA02000000)).² For more sequencing information, refer to the Broad Institute's [Listeria Genome Project](http://www.broadinstitute.org/listeria).

NR-13350 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA gene.

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). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-13350 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 N3-165, NR-13350."

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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. [Broad Institute *Listeria monocytogenes* Database](http://www.broadinstitute.org/listeria)
2. Nightingale, K. K., et al. "Ecology and Transmission of *Listeria monocytogenes* Infecting Ruminants and in the Farm Environment." *Appl. Environ. Microbiol.* 70 (2004): 4458-4467. PubMed: 15294773.

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