

Genomic DNA from *Listeria monocytogenes*, Strain FSL R2-503

Catalog No. NR-13347

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 R2-503.

L. monocytogenes, strain FSL R2-503 is a lineage I strain isolated from a 1994 gastrointestinal Listeriosis outbreak in Illinois.¹ The complete genome of *L. monocytogenes*, strain FSL R2-503 has been sequenced (GenBank: [AARR02000000](https://www.ncbi.nlm.nih.gov/GenBank/AA02000000)).¹

NR-13347 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 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-13347 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 R2-503, NR-13347."

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.

Disclaimers:

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References:

1. [Broad Institute *Listeria monocytogenes* Database](#)

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