

## Genomic DNA from *Listeria marthii*, Strain FSL S4-120

Catalog No. NR-9697

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

### Contributor:

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### Product Description:

Genomic DNA was obtained from a preparation of *Listeria marthii* (*L. marthii*), strain FSL S4-120. *L. marthii* is a new species of *Listeria* that was isolated from a soil sample collected at Finger Lakes National Forest, New York.

NR-9697 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-9697 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 marthii*, Strain FSL S4-120, NR-9697."

### 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).

### Disclaimers:

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### References:

1. Rocourt, J. and C. Buchrieser. "The Genus *Listeria* and *Listeria monocytogenes*: Phylogenetic Position, Taxonomy, and Identification." In: E. T. Ryser and E. H. Marth, *Listeria, Listeriosis, and Food Safety* (3<sup>rd</sup> ed.) New York: Marcel Dekker, Inc., pp 1-20.
2. Liu, D., et al. "Toward an Improved Laboratory Definition of *Listeria monocytogenes* Virulence." Int. J. Food Microbiol. 118 (2007): 101-115. PubMed: 17727992.
3. Murray, E. G. "A Retrospect of Listeriosis." Gray ML. Second Symposium on Listeric Infection. Bozeman, MT: Montana State College; 1963. pp. 2-4.
4. Glaser, P., et al. "Comparative Genomics of *Listeria* Species." Science 294 (2001): 849-852. PubMed: 11679669.

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