

**Genomic DNA from *Staphylococcus aureus*, Strain HFH-30123**

**Catalog No. NR-10326**

**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 *Staphylococcus aureus* (*S. aureus*), strain HFH-30123 which was isolated from a human sinus in Michigan, 2004.<sup>1</sup>

*S. aureus*, strain HFH-30123 is a community associated methicillin-resistant *S. aureus* (MRSA) strain, which has been pulse-field gel electrophoresis (PFGE) typed as USA100, and is negative for the Panton-Valentine leucocidin virulence factor. *S. aureus*, strain HFH-30123 contains staphylococcal chromosome cassette *mec* type II.<sup>1</sup>

NR-10326 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 ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**

NR-10326 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 *Staphylococcus aureus*, Strain HFH-30123, NR-10326."

**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](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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**References:**

1. Marcus Zervos, personal communication.
2. Davis, S. L., et al. "Epidemiology and Outcomes of Community-Associated Methicillin-Resistant *Staphylococcus aureus* Infection." *J. Clin. Microbiol.* 45 (2007): 1705-1711. PubMed: 173924441.
3. [Todar's Online Textbook of Bacteriology](#)

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