Genomic DNA from *Staphylococcus aureus*, Strain HFH-30032

Catalog No. NR-10322

For research use only. Not for human use.

**Contributor:**
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**Product Description:**
Genomic DNA was obtained from a preparation of *Staphylococcus aureus* (S. aureus), strain HFH-30032 which was isolated from a human wound in Michigan, 2003.\(^1\)

*S. aureus*, strain HFH-30032 is a community associated methicillin-resistant *S. aureus* (MRSA) strain and is positive for the Panton-Valentine leucocidin virulence factor. *S. aureus*, strain HFH-30032 contains staphylococcal chromosome cassette mec type V.\(^1\)

NR-10322 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-10322 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 *Staphylococcus aureus*, Strain HFH-30032, NR-10322.”

**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).

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**References:**
1. Marcus Zervos, personal communication.
3. Todar's Online Textbook of Bacteriology

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