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, 2004.1

*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 leukocidin virulence factor. *S. aureus*, strain HFH-30123 contains staphylococcal chromosome cassette mec type II.1

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**

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

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