

## Genomic DNA from *Staphylococcus aureus*, Strain HIP13170

**Catalog No. NR-51364**

**For research use only. Not for use in humans.**

### Contributor:

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### Manufacturer:

BEI Resources

### Product Description:

Genomic DNA was extracted from a preparation of *Staphylococcus aureus* (*S. aureus*), strain HIP13170.

*S. aureus*, strain HIP13170 was isolated in 2004 in New York, USA, from the urine of a 63-year-old female with a polymicrobial infected nephrostomy tube exit site who had no recent history of vancomycin therapy. It was co-isolated with *S. aureus*, strain HIP13419 (VRS3b).<sup>1,2,3</sup> The complete genome sequence of *S. aureus*, strain HIP13170 is available (GenBank: [AHBM00000000](#)).

NR-51364 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

### Material Provided:

Each vial contains approximately 0.7 µg to 1.5 µg of genomic DNA in 10 mM Tris-HCl, pH 8 to 8.5. The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

### Packaging/Storage:

NR-51364 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 HIP13170, NR-51364."

### 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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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### References:

1. NARSA, VRS3a
2. Centers for Disease Control and Prevention (CDC). "Vancomycin-Resistant *Staphylococcus aureus* -- New York, 2004." MMWR Morb. Mortal. Wkly. Rep. 53 (2004): 322-323. PubMed: 15103297.
3. Weigel, L. M., et al. "High-Level Vancomycin-Resistant *Staphylococcus aureus* Isolates Associated with a Polymicrobial Biofilm." Antimicrob. Agents Chemother. 51 (2007): 231-238. PubMed: 17074796.

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