

Product Information Sheet for NR-51352

Genomic DNA from *Staphylococcus aureus*, Strain S0385

Catalog No. NR-51352

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Staphylococcus aureus* (*S. aureus*), strain S0385.

S. aureus, strain S0385 was isolated in 2006 in The Netherlands, from blood of a female patient with endocarditis who had a history of renal transplantation and immunosuppressive therapy.^{1,2} The complete genome sequence of *S. aureus*, strain S0385 is available (GenBank: [AM990992](#)).

NR-51352 has been qualified for PCR applications by amplification of approximately 1500 base pairs 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-51352 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 S0385, NR-51352."

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, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

- van Schaik, W., Personal Communication.
- Schijffelen, M. J., et al. "Whole Genome Analysis of a Livestock-Associated Methicillin-Resistant *Staphylococcus aureus* ST398 Isolate from a Case of Human Endocarditis." BMC Genomics 11 (2010): 376-385. PubMed: 20546576.

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