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SUPPORTING INFECTIOUS DISEASE RESEARCH

Genomic DNA from *Staphylococcus aureus*, Strain WKZ-2

Catalog No. NR-51353

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 WKZ-2.

S. aureus, strain WKZ-2 was isolated in 2000 from a blood culture from a male infant with Pierre Robin syndrome who was undergoing treatment for a respiratory infection following intubation in the Netherlands.¹⁻³

NR-51353 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 μ g 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-51353 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 WKZ-2, NR-51353."

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. <u>Biosafety in Microbiological and Biomedical Laboratories</u>. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

- 1. van Schaik, W., Personal Communication.
- Wielders, C. L., et al. "*In-vivo* Transfer of *mecA* DNA to Staphylococcus aureus (Corrected)." <u>Lancet</u> 357 (2001): 1674-1675. PubMed: 11425376.
- Jansen, W. T. M., et al. "Novel Mobile Variants of Staphylococcal Cassette Chromosome *mec* in *Staphylococcus aureus.*" <u>Antimicrob. Agents Chemother.</u> 50 (2006): 2072-2078. PubMed: 16723568.

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