



***Staphylococcus aureus* MSSA; Δ mecA, Genomic DNA**

Part Number: 0801675DNA-100 μ g

Part Numbers of Related Products:

Live, Titered Organism: 0801675

Genomic DNA: 0801675DNA-10 μ g

Low External Run Control: NATSau(MSSA)-ERCL

Medium External Run Control: NATSau(MSSA)-ERCM

**FOR RESEARCH USE ONLY
Not for *in vitro* Diagnostic Use**

Product Description

Each aliquot contains 100 μ g of DNA extracted from a pure culture of *Staphylococcus aureus*. The identification of this organism was confirmed by 16S sequencing. The purity of the culture was monitored by Gram staining and by additional culturing. The DNA was extracted from the cells following the bacterial protocol from the Qiagen[®] Genomic DNA Handbook using Qiagen[®] Genomic DNA Buffers with a 500/G genomic tip. This control is supplied in TE Buffer and should be frozen at -20°C or below. DNA concentration and 260/280 ratios are determined using a NanoDrop ND-1000[®]. The extracted DNA also tested positive on an in-house real time PCR assay.

Intended Use

Purified Genomic DNA is designed for use as an amplification and/or detection control for nucleic acid testing of *S. aureus*. It can also be used to determine a limit of detection (LOD), in diagnostic assay development, cross-reactivity studies or genomic sequencing. Controls should be run using the same protocols as those used to amplify extracted clinical specimens.

Precautions

- Use Universal Precautions when handling Genomic DNA.
- The material may be re-frozen after thawing. Repetitive freezing and thawing is not recommended (aliquot material if necessary).
- To avoid cross-contamination, use separate pipette tips for all reagents.

DO NOT USE IN HUMANS OR AS A CLINICAL DIAGNOSTIC.

These products are intended for research, product development or manufacturing use only. These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.

Export Compliance

Recipient is solely responsible for compliance with all foreign and domestic laws and regulations applicable to the use of the biological material which is the subject matter of this product insert. This includes, but is not limited to, compliance with all foreign and U.S. laws, including U.S. export control laws, which regulate shipment of the biological material and its derivatives to countries outside of the U.S.

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This product was manufactured in a facility whose Quality Management System is certified as being in compliance with ISO 9001:2008 and ISO 13485:2003 standards.

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