Description

Designation: Seattle 1945
Deposited Name: Staphylococcus aureus Rosenbach
Product Description: Quality control strain for the CAMP test, assay of wood smoke concentrate, evaluation of Mueller-Hinton agar, examination of dairy products, media testing, CLSI disk diffusion, and for Abbott, API, and Autobac products.

Propagation

Medium
ATCC® Medium 18: Trypticase Soy Agar/Broth

Growth Conditions
Temperature: 37°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #18 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #18 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

Notes

It is advisable to transfer from agar to agar to maintain MIC values.

Several GenBank accessions are available for this item:
1. Nucleotide (GenBank) : AF053568 Staphylococcus aureus ATCC 25923 heat shock protein 60 gene, partial cds.
4. Nucleotide (GenBank) : U02910 Staphylococcus aureus ATCC 25923 16S rRNA gene, partial sequence.
7. Nucleotide (GenBank) : AB047239 Staphylococcus aureus DNA, complete structure of cassette chromosome(SCC)-like element, strain:ATCC 25923.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References

References and other information relating to this product are available online at www.atcc.org.

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Staphylococcus aureus subsp. aureus (ATCC® 25923™)

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Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level
2

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Staphylococcus aureus subsp. aureus (ATCC® 25923™)