





Product Sheet

Staphylococcus aureus *subsp. aureus* (ATCC®) 25923™

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™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

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.
2. Nucleotide (GenBank) : AX110511 Sequence 1244 from Patent WO0123604.
3. Nucleotide (GenBank) : AX110995 Sequence 1728 from Patent WO0123604.
4. Nucleotide (GenBank) : U02910 *Staphylococcus aureus* ATCC 25923 16S rRNA gene, partial sequence.
5. Nucleotide (GenBank) : U39769 *Staphylococcus aureus* 16S-23S ribosomal RNA spacer region.
6. Nucleotide (GenBank) : Z16422 *S. aureus* dfrB gene for dihydrofolate reductase.
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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.


Disclaimers




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This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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