Designation: FDA 209
Deposited Name: Staphylococcus aureus subsp. aureus Rosenbach
Product Description: Used in testing media, sterility, sanitizers, disinfectants, antimicrobial preservatives, bacterial resistance in carpets and textiles, and as a control strain for Biosynth products. This strain is recommended by ATCC® for use in the tests described in military specification MIL G-13734B where only the taxon is specified.

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.

Two colony types may be observed when growing ATCC® 6538™ on blood agar plates: Colony type 1 is yellow, circular, entire, low convex, and β-hemolytic; and colony type 2 is white, circular, entire, low convex, and β-hemolytic. Only colony type 1 has been observed on TSA maintenance medium. This strain is also available as certified reference material ATCC® CRM-6538™.

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

Notes

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

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® 6538™)

References

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

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC
Product Sheet

**Staphylococcus aureus subsp. aureus (ATCC® 6538™)**

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**

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**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® 6538™)*

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

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