



# *Staphylococcus aureus* subsp. *aureus* Rosenbach

6538P™

## Description

*Staphylococcus aureus* subsp. *aureus* strain FDA 209P is a whole-genome sequenced bacterium with applications in media testing, sterility testing, and susceptibility testing.

**Strain designation:** FDA 209P

**Deposited As:** *Staphylococcus aureus* subsp. *aureus* Rosenbach

**Type strain:** No

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## Intended Use

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

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## BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local

or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 117: Micrococcus medium

**Temperature:** 37°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial.
2. Rehydrate the entire pellet with approximately 0.5 mL of #117 broth.  
Aseptically transfer the entire contents to a 5-6 mL tube of #117 broth.  
Additional test tubes can be inoculated by transferring 0.5 mL of the primary

- broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #117 plate and/or #117 agar slant.
  4. Incubate at 37°C for 18 to 24 hours.
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## Notes

ATCC 6538P was found moderately resistant to penicillin in 1944 using a Penicillin P2 disk. This result was confirmed in initial characterization at ATCC, but subsequent investigation using a Penicillin P10 disk did *not* show resistance. Resistance has *not* been confirmed using modern methods in accordance with the Clinical & Laboratory Standards Institute guidelines.

For best results, propagate on ATCC Medium #117. Growth on alternate media may result in the loss of traits such as antibiotic resistance. According to the depositor, this strain has demonstrated resistance to Penicillin using the P2 antibiotic disk.

Strain is coagulase positive and  $\beta$ -lactamase negative.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Staphylococcus aureus* subsp. *aureus* Rosenbach (ATCC 6538P)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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