



Product Sheet

Streptococcus pneumoniae (ATCC® 49136™)

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: *Streptococcus pneumoniae* (ATCC® 49136™)

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: AmMS 208
Deposited Name: *Streptococcus pneumoniae* (Klein) Chester
Product Description: Quality control strain for MicroScan™ products.

Propagation

Medium

ATCC® Medium 44: Brain Heart Infusion Agar/Broth
ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Growth Conditions

Temperature: 37°C
Atmosphere: 5% CO₂

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #44 or #260 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. Incubate the broth tube at 37°C in an atmosphere of 5% CO₂ overnight.
5. After 24 hours incubation, use several drops of the suspension to inoculate a #260 agar slant and/or plate.
6. Incubate the tubes and plate at 37°C in an atmosphere of 5% CO₂. Screw caps should be loose.

Notes

This culture grows better in broth initially. This item recovers significantly better in #260 blood broth after lyophilization. Inoculate plates after growth is evident in broth.

This strain dies off readily and may require frequent transfers to fresh media to retain viability. 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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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

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