



Product Sheet

Streptococcus pneumoniae (ATCC® 49619™)

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® 49619™)

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: 262 [CIP 104340]

Deposited Name: *Streptococcus pneumoniae* (Klein) Chester

Antigenic Properties: Serotype 19F (Danish), type 19 (U.S.)

Product Description: Used in susceptibility testing and as a quality control strain for Sensititre 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 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 #260 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours in an atmosphere of 5% CO₂. Screw caps should be loose.

Notes

This strain will lyse if incubated for 48 hours or longer.

An additional transfer may be required after initial 24 hours of growth in order to fully remove cytoprotectant and achieve acceptable growth.

Depositor-provided information: serotype 19F (Danish), type 19 (U.S.).

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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Streptococcus pneumoniae
(ATCC® 49619™)


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