**Designation:** 262 [CIP 104340]  
**Deposited Name:** Streptococcus pneumoniae (Klein) Chester  
**Antigenic Properties:** Serotype 19F (Danish), type 19 (U.S.)  
**Product Description:** Used as a quality control organism for CLSI susceptibility testing, Vitek Compact GP card, Vitek Compact AST GP card as well as a quality control strain for Sensititre products.

**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 thawed vial according to enclosed instructions or visit www.atcc.org for instructions.  
2. Aseptically transfer the entire contents to a 5-6 mL tube of #44 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes.  
3. Use several drops of the primary broth tube to inoculate a #260 plate and/or #260 agar slant.  
4. Incubate at 37°C for 24 hours in an atmosphere of 5% CO₂.

An additional transfer may be required after initial 24 hours of growth in order to fully remove cryoprotectant 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 and other information relating to this product are available online at [www.atcc.org](http://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**  
ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. 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 product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

**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 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 materials on deposit, ATCC is not liable for damages arising from
the misidentification or misrepresentation of such materials.
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 our ATCC website at www.atcc.org.

© ATCC 2020. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [03/10]

Product Sheet

Streptococcus pneumoniae
(ATCC® 49619™)

Please read this FIRST

Storage Temp.
-80°C or colder

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™)