



# ***Streptococcus pneumoniae* (Klein) Chester**

6319™

## **Description**

*Streptococcus pneumoniae* is a bacterium with applications in respiratory disease research. This strain is typed as serotype 19 and exhibits optochin sensitivity.

**Deposited As:** *Diplococcus pneumoniae* (Klein) Weichselbaum

**Type strain:** No

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**Serotype:** 19

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## **Intended Use**

# ***Streptococcus pneumoniae* (Klein) Chester**

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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**

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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 submerged 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 submerged 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**

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**Medium:**

ATCC Medium 44: Brain Heart Infusion Agar/Broth

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

**Temperature:** 37°C**Atmosphere:** 95% Air, 5% CO<sub>2</sub>

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### **Handling Procedures**

1. Open vial according to enclosed instructions.
2. From 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 and use to rehydrate the entire pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. Use several drops of this suspension to inoculate a #260 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24-48 hours.

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### **Notes**

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: *Streptococcus pneumoniae* (Klein) Chester (ATCC 6319)

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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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## Revision

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