



# *Sporosarcina pasteurii* (Miquel) Yoon et al.

11859™

## Description

*Sporosarcina pasteurii* is a bacterial type strain and is known to produce the urease urea amidolyase.

**Strain designation:** Gibson 22 [22, DSM 33, NCIB 8219, NCIB 8841, NCTC 4822, NRS 673, NRS 929]

**Deposited As:** *Bacillus pasteurii* (Miquel) Chester

**Type strain:** Yes

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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 1**

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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 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 1376: *Bacillus pasteurii* NH4-YE medium

**Temperature:** 30°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial according to enclosed instructions.
  2. Using a single tube of #1376 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. Transfer this aliquot back into the broth tube. Mix well.
  4. Transfer 1.0 mL of the suspension to a second tube of broth. From the second tube, use several drops to inoculate a slant and/or plate if desired. The cryoprotectant used in the freeze-drying procedure may inhibit growth in the primary tube, hence the necessity for immediate transfer.
  5. Incubate all tubes and plate at 30°C for 48 to 72 hours. If growth is not heavy on agar medium, make additional transfers from the incubated broth at this time.
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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: *Sporosarcina pasteurii* (Miquel) Yoon et al. (ATCC 11859)

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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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Product Sheet

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