



***Pseudomonas carboxydohydrogena* (Sanjueva and Zavarzin) Meyer et al.**

29978™

Description

Strain designation: 4125 [DSM 1083; Z-1062]

Deposited As: *Seliberia carboxydohydrogena* Sanjueva and Zavarzin

Type strain: Yes

Storage Conditions

Product format: Frozen

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.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 36: *Caulobacter* medium

Temperature: 26°C

Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of #3 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.

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4. Use several drops of the suspension to inoculate a #3 agar slant and/or plate.
 5. Incubate the tubes and plate at 26°C for 10 to 14 days.
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Notes

After 10 to 14 days, sparse growth is evident. Colonies are transparent and almost invisible, but isolated colonies may appear more opaque, low, convex, and up to

1.0 mm in diameter. The under side of the colony is slightly adherent. This strain will also grow on Brain Heart Infusion (ATCC Medium #44) and Trypticase Soy (ATCC Medium #18). On these media, colonies are entire, smooth, glistening, high convex, opaque, and measure 0.5 to 2.0 mm in diameter. They are not adherent. Strain may grow better in these media, but the typical rosette morphology is better seen on Medium #36. Also, growth is generally better on agar than broth for all media.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Pseudomonas carboxydohydrogena* (Sanjieva and Zavarzin) Meyer et al. (ATCC 29978)

References

References and other information relating to this material are available at www.atcc.org.

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