Comamonas testosteroni (Talalay) Tamaoka et al. emend. Willems et al.

27911™

Description

Strain designation: H-8
Deposited As: *Pseudomonas testosteroni* Marcus and Talalay
Type strain: No

Storage Conditions

Product format: Freeze-dried
Storage conditions: 2°C to 8°C

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.

Comamonas testosteroni (Talalay) Tamaoka et al. emend. Willems et al.

27911

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 788: Benzene sulfonate medium
Temperature: 30°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of medium #788 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a second tube of broth, a agar slant and/or plate.

5. Incubate the tubes and plate at 30ºC for 48 hours.

Notes

Although the culture grows well on Nutrient Agar (Difco 213000), repeated subculture over an extended period of time may result in the culture?s loss of the ability to utilize benzene sulfonate. This may be prevented by maintaining the strain on the recommended medium.

On #788 agar colonies are entire with a thin corona of spreading growth. Growth is slower on this medium than the Nutrient Agar.

Additional information on this culture is available on the ATCC web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Comamonas testosteroni* (Talalay) Tamaoka et al. emend. Willems et al. (ATCC 27911)

References

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

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Comamonas testosteroni (Talalay) Tamaoka et al. emend. Willems et al.

27911

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Revision

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