



Polaribacter filamentus **Gosink et al.**

700397™

Description

Strain designation: 215

Deposited As: *Polaribacter filamentus* Gosink et al.

Type strain: Yes

Storage Conditions

Product format: Freeze-dried

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 2: Marine agar 2216 or marine broth 2216

Temperature: 4°C

Atmosphere: Aerobic

Handling Procedures

1. Pre-chill all media by placing at 4°C for 30 minutes.
2. Open vial according to enclosed instructions.
3. Using a single tube of #2 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.
4. Aseptically transfer this aliquot back into the broth tube. Mix well.

5. Incubate broth tube at the recommended temperature for 1-2 weeks.
 6. After growth has been achieved, additional transfers may be made to additional tubes of broth, slants, and/or plates. Growth on solid medium will require additional incubation and may be sparse. The secondary transfers should grow in about 5-7 days.
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Notes

U73726, 16S rDNA sequence psychrophilic, heterotrophic gas vacuolate marine bacteria
- ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Polaribacter filamentus* Gosink et al. (ATCC 700397)

References

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

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