



Aliivibrio logei (Harwood et al.) Urbanczyk et al.

29985™

Description

Strain designation: 584

Deposited As: *Photobacterium logei* (Bang et al.) Harwood 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: 14°C

Handling Procedures

1. Pre-chill media by placing at 4°C for 30 minutes.
- 2. Open vial according to enclosed instructions.**
- 3. From a single tube of #2 broth (5 to 6 ml), withdraw approximately 0.5 to 1 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet.**
- 4. Aseptically transfer this aliquot back into the broth tube. Mix well.**
- 5. Incubate the broth tube for 48 to 72 hours at 14°C.**

6. Transfers can now be made to other tubes of broth, slants, and/or plates. This strain needs to establish good growth in the broth tube before additional passages are made. Additional incubation may be required for growth on solid medium.

Notes

To check for luminescence, inoculate a slant leaving cap loose. Incubate at 14°C until growth is established. Then, hold in the dark for 10 minutes before checking. If no luminescence is detected, reincubate and check regularly until luminescence appears. When maximum luminescence is obtained, stopper tightly.

On #2 plates, colonies are circular, entire, opaque, slightly yellow, and smooth.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Aliivibrio logei* (Harwood et al.) Urbanczyk et al. (ATCC 29985)

References

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

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