



***Pseudoalteromonas rubra* (Gauthier) Gauthier et al.**

29568™

Description

Strain designation: CERBOM 173

Deposited As: *Alteromonas rubra* Gauthier

Type strain: No

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: 23°C

Handling Procedures

1. Open vial according to enclosed instructions.
2. From 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 pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Incubate tube at 23°C for 24 hours.

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5. Use several drops of the 24 hour suspension to inoculate a second tube of broth, a slant and/or plate.
 6. Incubate the tubes and plate at the recommended temperature for 48 hours.
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Notes

Growth will be evident in the broth by turbidity and a salmon-colored pellicle. At 48 hours, colonies on the agar plate are approximately 0.5 mm in diameter, bright salmon-colored, glistening, round, entire, pulvinate, and uniform in appearance. The centers turn red to reddish-blue. After four days, the colonies are circular (5 to 6 mm), convex, bright, with a smooth surface. They are vermilion in color, with a narrow pink edge, and a deep red, sometimes bluish, center. There are two or three deep red concentric rings, giving the appearance of a target. Variants may be present that are uniformly light pink.

This strain is strictly aerobic. The strain autolyzes shortly after log growth.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Pseudoalteromonas rubra* (Gauthier) Gauthier et al. (ATCC 29568)

References

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

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