



Polaromonas vacuolata Irgens et al.

51984™

Description

Strain designation: 34-P

Deposited As: *Polaromonas vacuolata* Irgens et al.

Type strain: Yes

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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 submerged 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 submerged 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 media by placing at 4°C for 30 minutes.
2. Quickly thaw the frozen vial and transfer the entire contents to a single tube of 5-6 mL chilled #2 broth.
3. Additional broth tubes can be inoculated by transferring 0.5 mL from this primary broth tube to secondary broth tubes.

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4. Use several drops of the primary broth tube to inoculate a #2 agar plate and/or slant.
 5. Incubate the broth and agar for 2 to 6 weeks at 4°C.
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Notes

Gas vacuoles observed in most cells at six weeks.

Additional information on this culture is available on the ATCC® website at www.atcc.org

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Polaromonas vacuolata* Irgens et al. (ATCC 51984)

References

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

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