



# ***Moritella marina*** **(Baumann et al.)** **Urakawa et al.**

15381™

## **Description**

**Strain designation:** MP-1 [NCMB 1144]

**Deposited As:** *Vibrio marinus* Baumann et al.

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Freeze-dried

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## **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.

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## **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.

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### **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### **Growth Conditions**

**Medium:**

ATCC Medium 2: Marine agar 2216 or marine broth 2216

**Temperature:** 18°C

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### **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 and use to rehydrate the pellet.
4. Aseptically transfer this aliquot back into the broth tube. Mix well.

5. Incubate broth tube at the recommended temperature for 48 to 72 hours.
  6. After growth has been achieved, transfers may be made to additional tubes of broth, slants, and/or plates.
  7. Growth on solid medium will require additional incubation and may be sparse. The secondary transfers will grow in 24 to 48 hours.
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## Notes

This strain is **TEMPERATURE SENSITIVE**. You **MUST** use chilled media for rehydration or the cells may be damaged. Place tubes at the proper temperature immediately. Avoid temperatures of 20°C or above.

Most *Vibrio* species will die off rapidly once the stationary phase is reached, even at refrigerator temperatures. To avoid frequent transfers, freeze cells with a suitable cryoprotectant.

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Moritella marina* (Baumann et al.) Urakawa et al. (ATCC 15381)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Warranty

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