



Product Sheet

# *Colwellia psychrerythraea* (ATCC® BAA-681™)

Please read this FIRST



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**1**

## Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Colwellia psychrerythraea* (ATCC® BAA-681™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** 34H

**Deposited Name:** *Colwellia psychrerythraea* (D'Aoust and Kushner) Deming et al.

**Product Description:** Genome sequencing strain.

## Propagation

### Medium

ATCC® Medium 2: Marine agar 2216 or marine broth 2216

### Growth Conditions

**Temperature:** 4°C to 8°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Pre-chill all media. Work on ice or under refrigerated conditions.
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. Use several drops of the suspension to inoculate a #2 agar slant and/or plate.
6. Incubate the tubes and plate at 0°C to 8°C. Initial cultures will take 10 to 20 days to grow, however, subsequent transfers may grow in as little as 48 hours.

## Notes

Colonies on #2 agar are circular, entire, low convex and opaque. Cells are highly motile rods and stain Gram-negative.

It is recommended that initial cultures be incubated as cold as possible. It is very important that established cultures be kept between 4°C to 8°C. The culture quickly loses viability if stored in a warmer environment.

Purified genomic DNA of this strain is available as ATCC® BAA-681D™.

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

## References

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

## Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC



Product Sheet

***Colwellia psychrerythraea***  
**(ATCC® BAA-681™)**


is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

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


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