



Product Sheet

# *Rhodobacter capsulatus* (ATCC® BAA-309™)

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: *Rhodobacter capsulatus* (ATCC® BAA-309™)

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:** SB1003

**Deposited Name:** *Rhodobacter capsulatus* (Molisch) Imhoff et al.

**Product Description:** Genome sequencing strain

## Propagation

### Medium

ATCC® Medium 3: Nutrient agar or nutrient broth

ATCC® Medium 550: R 8 A H medium

### Growth Conditions

**Temperature:** 26°C

**Atmosphere:** Anaerobic (ATCC Medium #550 under a tungsten lamp with a light intensity of 2,000-3,000 lux); Aerobic (ATCC Medium #3 slants, plates, or broth in the dark)

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #550 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.
3. Aseptically transfer this aliquot back into the broth tube.
4. Use several drops of the suspension to inoculate a #3 slant(s) and/or plate(s). Incubate slants and plates under aerobic conditions in the dark. Close the tube of the #550 broth and incubate at 26°C under a tungsten lamp.

## Notes

Colonies on #3 agar plates are entire, glistening, circular, smooth, opaque, convex, and have a red center with a white edge.

When grown in #550 broth with a headspace, the culture exhibits a red pigmentation. When oxygen is excluded, the culture exhibits a green pigmentation. Growth in broth requires 7-10 days and a large inoculum. Purified genomic DNA of this strain is available as ATCC® BAA-309D™.

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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## Disclaimers

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## ***Rhodobacter capsulatus*** **(ATCC® BAA-309™)**

confirmed to be accurate.

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