



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



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

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: 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.

References

References and other information relating to this product are available online at 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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Rhodobacter capsulatus **(ATCC® BAA-309™)**

confirmed to be accurate.


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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


Additional information on this culture is available on the ATCC web site at www.atcc.org.

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