



Product Sheet

# *Rhodopseudomonas palustris* (ATCC® BAA-98™)

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: *Rhodopseudomonas palustris* (ATCC® BAA-98™)

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:** CGA009

**Deposited Name:** *Rhodopseudomonas palustris* (Molisch) van Niel

**Product Description:** Chloramphenicol-resistant. The genome of this organism has been sequenced.

### Propagation

#### Medium

ATCC® Medium 18: Trypticase Soy Agar/Broth

ATCC® Medium 112: Van Niel's yeast agar

#### Growth Conditions

**Temperature:** 30°C

**Atmosphere:** Aerobically in the dark or anaerobically under a tungsten lamp

#### Propagation Procedure

A. Growth under aerobic conditions:

1. Open vial according to the enclosed instructions.
2. Using a single tube of #18 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. Mix well.
4. Use several drops of the suspension to inoculate a #18 agar slant and plate(s).
5. Incubate the tubes and plate at 30°C for 3 to 6 days.

B. Growth under anaerobic conditions.

1. Put 6 to 8 mL of ATCC Medium #112 into a 13 x 100 mm screw cap test tube (small). Add 3.0 % cysteine (stock concentration, 0.1 mL per each 5 to 6 mL of medium) and then fill the test tube to capacity with additional Medium #112. Seal the test tube with a screw cap.
2. Let the tube sit at room temperature for 30 minutes before inoculating it with the rehydrated culture.
3. Open the freeze-dried vial according to enclosed instructions.
4. Aseptically take 0.5 mL of the pre-reduced medium and rehydrate the entire pellet.
5. Transfer the rehydrated pellet back into the screw cap test tube and close tightly. (The test tube should be filled to capacity).
6. Incubate the culture at 26°C under a tungsten lamp.
7. Once growth has been established (three to six days), the culture should be transferred to fresh broth. If a large inoculum is used (10% to 20%) the medium does not need to be pre-reduced.

### Notes

This culture is tolerant to oxygen therefore strictly anoxic conditions are not required when rehydrating the freeze-dried pellet or transferring the organism.

Purified genomic DNA of this strain is available as ATCC® BAA-98D-5™.

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.

### ATCC Warranty

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. While other, unspecified media may also produce satisfactory results, a change in



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media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

## Disclaimers

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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](http://www.atcc.org)

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