



Product Sheet

# *Rhodovulum imhoffii* (ATCC® BAA-1273™)

Please read this FIRST



## 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: *Rhodovulum imhoffii* (ATCC® BAA-1273™)

## Description

Designation: JA125

## Propagation

### Medium

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

### Growth Conditions

Temperature: 26.0°C

### Propagation Procedure

A. Growth under aerobic conditions:

1. Open vial according to the enclosed instructions.
2. 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.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #12 agar slant and plate(s).
5. Incubate the tubes and plate at 26°C for 3 to 6 days.

B. Growth under anaerobic conditions.

1. Put 6 to 8 ml of ATCC Medium #2 into a 13x100 mm screw cap test tube (small). Add 3.0 % cysteine (stock concentration, 0.1 ml per each 5 to 6 ml of medium), 0.1 ml 2 M pyruvate and then fill the test tube to capacity with additional Medium #2. 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). One drop of the inoculated broth may be placed on a #2 plate and streaked out.
6. Incubate the culture at 26°C under a tungsten lamp. The plate should be incubated at 26 °C in the dark.
7. Once growth has been established (three to six days), the culture should be transferred to fresh broth. If a large inoculum is used (1020%) the medium does not need to be pre-reduced.

## Notes

Colonies on #2 agar are circular, smooth, raised and red.

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

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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

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