ATCC

Product Sheet

Rhodopseudomonas palustris (ATCC® 17002™)

Please read this FIRST

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® 17002™)

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: ATH 2.1.7
Deposited Name: *Rhodopseudomonas palustris* (Molisch) van Niel

Propagation

Medium
ATCC® Medium 112: Van Niel's yeast agar

Growth Conditions
Temperature: 30.0°C
Atmosphere: Anaerobic under a tungsten lamp

Propagation Procedure
1. Put 6 to 8 ml of #112 broth into a 13 x 100 mm screw cap test tube (small). Add 3% cysteine (stock concentration, 2 ml/100 ml medium) and then fill the test tube to capacity with additional #112 broth. 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 freezedried 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 30°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 (1020%), the medium does not need to be pre-reduced.

Notes

Phototrophic growth is obtained by incubating the culture under anaerobic conditions under a tungsten lamp. This culture is able to grow aerobically on agar (Nutrient) in the dark.

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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