



Product Sheet

Rhodobacter veldkampii (ATCC® 35703™)

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 veldkampii* (ATCC® 35703™)

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: 51 [CIP 103912]
Deposited Name: *Rhodobacter veldkampii* Hansen and Imhoff
Product Description: Type strain

Propagation

Medium

ATCC® Medium 1438: *Rhodobacter veldkampii* medium (ATCC medium 37) with 1 g/L sodium acetate

Growth Conditions

Temperature: 26°C
Atmosphere: Anaerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. This organism can tolerate brief exposure to oxygen, so the vial may be opened without anaerobic conditions. Aseptically transfer 0.5 mL of medium #1438 to the vial and rehydrate the pellet. Transfer this suspension to a small screw cap test tube, then fill the tube to capacity with #1438 medium. Seal the tube with a screw cap and incubate at room temperature under a tungsten lamp.
3. After two to three days, growth should be evident indicated by turbidity and red brown pigmentation through out the broth. When examined microscopically, the cells appear as small rods, in singles and pairs. Once good growth has been obtained the culture should be transferred to fresh broth, using a 20% inoculum.

Notes

ATCC medium #1438 may be stored separately as solution 1, solution 2/3, and solution 4. In a small screw cap tube, mix 5 mL of solution 1, 3 mL of solution 2/3, 0.2 mL of solution 4, 1 g/L sodium acetate, and reduce with 0.1 mL of a 10% thiosulfate solution. Place tubes in the dark for 24 hours prior to inoculation. A hazy, white precipitate should develop in the tubes overnight.

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



Product Sheet

Rhodobacter veldkampii **(ATCC® 35703™)**

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

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