



Rhodobacter veldkampii **Hansen and Imhoff**

35703™

Description

Type strain

Strain designation: 51 [CIP 103912]

Deposited As: *Rhodobacter veldkampii* Hansen and Imhoff

Type strain: Yes

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

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

Temperature: 26°C

Atmosphere: Anaerobic

Handling Procedures

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.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Rhodobacter veldkampii* Hansen and Imhoff (ATCC 35703)

References

References and other information relating to this material are available at www.atcc.org.

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