



Rhodoplanes elegans Hiraishi and Ueda

51906™

Description

Strain designation: JCM 9224 [AS130]

Deposited As: *Rhodoplanes elegans* Hiraishi and Ueda

Type strain: Yes

Storage Conditions

Product format: Freeze-dried

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 1552: Modified Van Niel's yeast medium with pyruvate

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 #1552 to the vial and rehydrate the pellet. Transfer this suspension to a small screw cap test tube, then fill the tube to capacity with #1552 medium. Seal the tube with a screw cap and incubate at room temperature under a tungsten lamp.

3. After two to three days, growth is evident by turbidity and red pigmentation through out the broth. When examined microscopically, the cells appear as rods, in singles and pairs that are motile. Once good growth has been obtained the culture should be transferred to fresh broth, using a 20% inoculation. This culture also grows on Brain Heart Infusion Agar in the dark.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Rhodoplanes elegans* Hiraishi and Ueda (ATCC 51906)

References

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

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Product Sheet

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