Marichromatium bheemlicum

BAA-1316™

Description

Strain designation: JA124
Type strain: Yes

Storage Conditions

Product format: Frozen

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.

Handling Procedures

1. Put 6 to 8 ml of ATCC Medium #2630 into a sterile 13x100 mm screw cap test tube (small). Add 3.0 % cysteine (0.1 ml per each 5 to 6 ml of medium), then fill the test tube to capacity with additional Medium #2630. Seal the test tube with a screw cap.

2. Let the tube sit at room temperature for 30 minutes before inoculating it with the thawed culture.

3. Let the liquid nitrogen vial thaw at room temperature.

4. Aseptically remove 0.5 ml of the pre-reduced medium (see step 1.) and place in a sterile screw cap test tube.

5. Transfer the thawed culture into the screw cap test tube containing the prereduced medium (see step 1.). If the test tube is not filled to capacity use fresh 2630 to fill to capacity and close tightly. One drop of the inoculated broth may be plated on a non selective medium.

6. Incubate the culture at 26ºC under a tungsten lamp. The plate should be incubated

at 26 ºC 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

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: *Marichromatium bheemlicum (ATCC BAA-1316)*

References

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

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