Natronomonas pharaonis (Soliman and Trueper) Kamekura et al.

35678™

Description

Strain designation: DSM 2160 [ATCC 43656, Gabara]
Deposited As: *Halobacterium pharaonis* Soliman and Trueper
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.

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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 1394: Halobacterium pharaonis medium
Temperature: 37°C
Atmosphere: Aerobic

Handling Procedures

1. Open the vial according to enclosed instructions.
2. Using a single tube of #1394 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #1394 biphasic agar slant.
5. Incubate the tubes at 37°C for 4 to 7 days.

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Notes

This strain should be allowed to establish growth in the broth tubes for approximately 7 days before transferring to agar plates and/or slant tubes. Biphasic slants are the preferred media, since growth at the interface of the biphasic slant should occur within 7 days. Growth on agar plates after transferring, may take at least 4 weeks.

Colonies on #1394 agar plates are translucent, red-pigmented, small, irregular, smooth, and pinpoint.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Natronomonas pharaonis* (Soliman and Trueper) Kamekura et al. (ATCC 35678)

References

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

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Revision

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