



Product Sheet

Halobacterium sp. (ATCC® 700922™)

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: *Halobacterium sp.* (ATCC® 700922™)

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: NRC-1 [JCM 11081]

Deposited Name: *Halobacterium sp.*

Product Description: Genome sequencing strain. Contains the megaplasmid or minichromosome pNRC100.

Propagation

Medium

ATCC® Medium 2185: *Halobacterium* NRC-1 medium

Growth Conditions

Temperature: 37°C shaking

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #2185 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 #2185 biphasic agar slant.
5. Incubate the tubes and agar slant at 37°C on a shaker for 3 to 7 days.

Notes

This strain should be allowed to establish growth in the broth tubes for approximately 3 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 3 days. Growth on agar plates (after transfer) will be slow.

Incubating the broth culture on a shaker at 37°C will decrease the time needed to detect growth.

Colonies on #2185 agar plates are entire, glistening, circular, smooth, and pink in color.

Purified genomic DNA of this strain is available as ATCC® 700922D-5™.

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

***Halobacterium sp.* (ATCC®
700922™)**

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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