



Product Sheet

Virgibacillus halodenitrificans (ATCC®) 49067™

Please read this **FIRST**



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: *Virgibacillus halodenitrificans* (ATCC® 49067™)

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

Deposited Name: *Bacillus halodenitrificans* Denariáz et al.

Propagation

Medium

ATCC® Medium 1659: YA halophile medium

Growth Conditions

Temperature: 30.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #18 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 second tube of #18 broth, a slant, and/or plate.
5. Incubate all tubes and plate at 30°C for 24-48 hours.

Notes

The #1659 medium is recommended by the depositor. However, we find that this organism does not need an elevated salt concentration. In fact, it is inhibitory, taking 7 to 10 days for colonies to appear. It will grow on ordinary media such as Tryptic Soy, Nutrient, or Brain Heart Infusion.

Colonies on #1659 agar are pinpoint, translucent, dull, and off-white. On #18 agar, the colonies appear in 24 hours. They are entire, glistening, smooth, low convex, and opaque. Density and pigmentation may vary. On Brain Heart Infusion Agar (BD 241830), the less dense colony may autolyse.

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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product. The MTA is also available on our Web site at www.atcc.org

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