ATCC

Product Sheet

Thiomicrospira arctica (ATCC® 700955™)

Please read this FIRST

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: *Thiomicrospira arctica* (ATCC® 700955™)

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: SVAL-E
Deposited Name: *Thiomicrospira* sp.

Propagation

Growth Conditions
Temperature: 15.0°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Withdraw 0.5 ml of the recommended broth from a single test tube (5 to 6 ml) and rehydrate the vial contents.
3. Aseptically transfer this aliquot back into the broth. Additional broth tubes may be inoculated with 0.5 ml each from the suspension. A slant and a plate of the recommended medium may be inoculated with 0.2 ml each. A plate of non-selective medium such as Nutrient Agar may be streaked to check for contamination.
4. Incubate tubes and plates at 15ºC.
5. In 3 to 6 days, growth should be evident when the broth culture is examined by phase microscopy and by colonies on the agar surfaces. No growth should occur on the non-selective plate. Colonies are very small (pinpoint) and white. Cells are small rods that occur singly and in pairs, and are very motile.

Notes

For best growth use freshly prepared media.
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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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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

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