ATCC

Product Sheet

Thiobacillus organoparus (ATCC® 27977™)

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: *Thiobacillus organoparus* (ATCC® 27977™)

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: *Thiobacillus organoparus* Markosian

Propagation

Medium
ATCC® Medium 806: Thiobacillus heterotrophic medium

Growth Conditions
Temperature: 26.0°C

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Withdraw 0.8 ml from a single tube (5 to 6 ml) of #806 broth with a Pasteur or 0.1 ml pipette. Rehydrate the pellet.
3. Aseptically transfer 0.5 ml back into the broth tube. Inoculate a slant tube with the remaining 0.3 ml. Additional broth tubes may be inoculated with 0.5 ml each from the initial broth tube.
4. After approximately 4 days of incubation, growth should be evident by turbidity in the broth tubes and turbidity in the broth at the base of the agar slant. It can take up to 14 days for good colony formation on agar. Cells are short motile rods occurring singly and in pairs. Cells are Gram negative.
5. After good growth is achieved in tubes, flasks of broth may be inoculated. A 5 to 10% inoculum is recommended per flask (5 to 10 ml per 100 ml media). Flasks should be incubated with shaking.

Notes

This culture does not readily form colonies on agar. 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

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Disclaimers

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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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