Acidiphilium acidophilum (ATCC® 27807™)

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: Acidiphilium acidophilum (ATCC® 27807™)

Description

Designation: [DSM 700]
Deposited Name: Thiobacillus acidophilus (Guay and Silver) Harrison

Propagation

Medium
ATCC® Medium 738: 9-K glucose medium

Growth Conditions
Temperature: 26.0°C

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Withdraw 0.5 ml of #738 broth from a single test tube (5 to 6 ml) and rehydrate the vial contents.
3. Aseptically transfer this aliquot back into the broth tube. Additional broth and slant tubes may be inoculated with 0.3 ml each from the initial broth tube. Agar plates may be inoculated using 0.1 ml of the initial broth per plate.
4. Incubate tubes and plates at 26°C.

Notes

The cells are Gram negative short rods that occur singly and in pairs, no motility detected. Forms pinpoint, circular, entire, smooth, convex, and translucent colonies on #738 plates. When the culture is initially rehydrated it may take 5 to 7 days to detect growth. Upon subsequent transfers growth should be detected within 3 to 5 days.

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 Sheet

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