



Product Sheet

Methylobacterium agile (ATCC® 35068™)

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: *Methylobacterium agile* (ATCC® 35068™)

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: NCIB 11124 [A30, ACM 3308]
Deposited Name: *Methylobacterium agile* Whittenbury et al.

Propagation

Medium
ATCC® Medium 1306: Nitrate mineral salts medium (NMS)

Growth Conditions
Temperature: 30.0°C
Atmosphere: Under a gas mixture of 50% air, 50% methane

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #1306 broth (5 to 6 ml), aseptically transfer 0.5 to 1.0 ml to the vial and rehydrate the pellet.
3. Aseptically transfer this aliquot back into the broth tube and mix well under a gas mixture of 50% methane and 50% air. Transfer 0.1 ml to slants. Plate rehydrated culture (0.1 ml) onto a non-selective medium (plate) to test for purity.
4. Incubate the culture at 30°C for 48 hours. Feed the culture a mixture of 50% methane/50% air every 24 to 48 hours. Incubate non-selective plate aerobically.
5. Growth should be detected within 3 to 5 days. No growth should occur on non-selective plate.

Notes

Microscopic examination shows the cells to be rods, in singles and pairs that are motile.

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