



Product Sheet

# ***Anaerobaculum mobile*** **(ATCC® 43122™)**

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: *Anaerobaculum mobile* (ATCC® 43122™)

## **Description**

**Designation:** DSM 20664

**Deposited Name:** *Acetomicrobium flavidum* Soutschek et al.

## **Propagation**

### **Medium**

ATCC® Medium 2107: Modified Reinforced Clostridial Agar/Broth Medium (pre-reduced)

ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

### **Growth Conditions**

**Temperature:** 50°C

**Atmosphere:** Anaerobic

### **Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of #2107 broth from a single test tube (5 to 6 ml) and rehydrate the entire vial contents.
3. Aseptically transfer this aliquot back into the broth tube. Additional tubes may be inoculated with 0.5 ml each from the suspension from the primary tube of 2107. A slant of #2107 may also be inoculated with 0.2 ml. Streak several blood plates to check for colonial morphology and purity.
4. Incubate tubes and plates under an anaerobic atmosphere at 37°C. Incubate one plate aerobically to test for aerobic contamination.

### **ANAEROBIC CONDITIONS:**

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
- Placement of test tubes under a gassing cannula system connected to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- Loose screw caps on test tubes in anaerobic chamber,
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

## **Notes**

Growth is evident as faint turbidity throughout the broth. Colonies in #260 plates are pin point and dull at 7 days. NCBI# AJ243189.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## **References**

References and other information relating to this product are available online at [www.atcc.org](http://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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## **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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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