



# *Mobiluncus curtisii*

51333™

## Description

**Strain designation:** CNCTC An 17/88 [L1599]

**Deposited As:** *Falcivibrio vaginalis* Hammann et al.

**Type strain:** No

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## Storage Conditions

**Product format:** Freeze-dried

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.



ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submerged

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in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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### **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### **Growth Conditions**

**Medium:**

ATCC Medium 1878: ATCC Medium 1015 with 10% heat-inactivated rabbit serum

**Temperature:** 37°C**Atmosphere:** Anaerobic

### **Handling Procedures**

1. Open vial according to enclosed instructions.

**1. Under anaerobic conditions, withdraw 0.5 ml of #1878 broth from a single test tube (5 to 6 ml) and rehydrate the vial contents.**

**2. Aseptically transfer this aliquot back into the broth tube. Additional broth can be inoculated using 0.2 ml of this cell suspension per tube. A slant of #2714 and a pre-reduced blood plate may also be inoculated with 0.1 ml each of the cell suspension. An aerobic blood plate may also be**

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streaked to check for purity.

**3. Incubate tubes and plate under anaerobic conditions at 37°C. Incubate second blood plate aerobically at 37°C.**

**6. Within 48 hours, growth should be evident by slight turbidity and some sediment in the broth. Small colonies are observed on the anaerobic blood plate. No aerobic growth should be seen.**

**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 hooked 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.**

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**Notes**

Within 48 hours, growth is evident by turbidity in the broth. Colonies on the anaerobic blood plate are entire, smooth, glistening, low convex, circular, and translucent. The cells are slender rods and stain Gram negative. No growth occurs on the blood agar plate incubated aerobically.

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

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Mobiluncus curtisii* (ATCC 51333)

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### **References**

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

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