Product Sheet

*Lactobacillus hamsteri* (ATCC® 43851™)

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: *Lactobacillus hamsteri* (ATCC® 43851™)

**Description**

**Designation:** JCM 6256 [Ha5F1]
**Deposited Name:** *Lactobacillus hamsteri* Mitsuoka and Fujisawa

**Propagation**

**Medium**

ATCC® Medium 416: Lactobacilli MRS Agar/Broth

**Growth Conditions**

**Temperature:** 37.0°C
**Atmosphere:** Anaerobic

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of the recommended broth from a single tube (5 to 6 ml) and rehydrate the vial contents.
3. Aseptically transfer this aliquot back into the broth. Additional tubes may be inoculated with 0.5 ml each from the suspension. A slant of #416 may also be inoculated with 0.1 ml.
5. Within 48 hours, growth should be evident by turbidity in the broth. Subsequent transfers should grow in 24 to 48 hours.

**ANAEROBIC CONDITIONS:**

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

- Use of an anaerobic gas chamber,
- 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.

**Notes**

Two colony types are seen on #416 agar: a) entire, glistening, smooth, low convex, opaque, and creamy-white; and b) some spreading and less opaque.

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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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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