**Description**

**Designation:** RP32  
**Deposited Name:** Lactobacillus acidophilus (Moro) Hansen and Mocquot

**Propagation**

**Medium**

ATCC® Medium 416: Lactobacilli MRS Agar/Broth

**Growth Conditions**

**Temperature:** 34°C  
**Atmosphere:** 5% CO$_2$

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. From a single tube of #416 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette and use to rehydrate the pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a second tube of broth, a slant and/or a plate.
5. Incubate the tubes and plate at 34°C in an atmosphere of 5% CO$_2$ for 24 to 48 hours. Loosen screw caps of all test tubes during the incubation period.

**Notes**

After 24-48 hours, growth is evident by turbidity in the broth and the formation of small colonies on the slant and/or plate. Growth is best in broth culture or on biphasic slants. Only scant growth is observed on agar. Colonies on agar are small, irregular, and peaked with undulate margins.

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](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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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product.
Product Sheet

*Lactobacillus acidophilus*
(ATCC® 43121™)

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Please read this FIRST

**Storage Temp.**
- Frozen: -80°C or colder
- Freeze-Dried: 2°C to 8°C
- Live Culture: See Propagation Section

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**Biosafety Level**
1

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**Intended Use**

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

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**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 acidophilus* (ATCC® 43121™)