



Product Sheet

Lactobacillus acidophilus (ATCC® 4355™)

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: *Lactobacillus acidophilus* (ATCC® 4355™)

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: R-1-1

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

Propagation

Medium

ATCC® Medium 416: Lactobacilli MRS Agar/Broth

Growth Conditions

Temperature: 37.0°C

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 entire pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well
4. Use several drops of this suspension to inoculate a second tube of broth, a slant and/or a plate.
5. Incubate tubes and plate at 37°C in an atmosphere of 5% CO₂ for 24 to 48 hours. Loosen screw caps of all test tubes during the incubation period.

Notes

After 48 hours, growth is evident by turbidity in the broth and the formation of colonies on the slant and/or plate. Colonies on #416 agar are entire, erose, smooth, translucent, and flat.

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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