



Product Sheet

Lactobacillus acidophilus (ATCC® 832™)

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® 832™)

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: 4B [M. Rogosa 205X, NCDO 1, NCIB 1723, NCTC 1723]
Deposited Name: *Lactobacillus acidophilus* (Moro) Hansen and Mocolt

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. Using 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. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #416 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C in an atmosphere of 5% CO₂ for 24 to 48 hours.

Notes

Colonies on #416 agar are pinpoint, irregular, entire, low convex, translucent and vary in size.

Broth may be turbid at 24 hours. Because of the rapid growth in broth, it is advisable to transfer to fresh media at 24 hours to maintain viability. Growth is best in broth or biphasic slants.

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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