ATCC

Product Sheet

Lactobacillus crispatus (ATCC® 53545™)

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 crispatus* (ATCC® 53545™)

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: BT1386
Deposited Name: *Lactobacillus acidophilus* (Moro) Hansen and Mocquot

Propagation

Medium
ATCC® Medium 416: Lactobacilli MRS Agar/Broth

Growth Conditions
Temperature: 37.0°C
Atmosphere: 5% CO_2

Propagation Procedure
1. Thaw the frozen vial at room temperature.
2. Transfer the entire contents of the thawed vial into a single tube (5-6 ml) of #416 broth. Mix well.
3. Use 0.1 ml of this suspension to inoculate a second tube (5-6 ml) of #416 broth. Mix well.
4. Use 0.1 ml of the second suspension to inoculate #416 agar slants and plates.
5. Incubate the tubes and plates at 37°C under an atmosphere of 5% CO_2 for 24 to 48 hours.

Notes

Colonies on #416 agar are small, irregular, raised, undulate, translucent, and rough.

This strain has been identified as *Lactobacillus crispatus* based on API 50 CHL and 16S sequencing.

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.

ATCC Warranty

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Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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