Lactiplantibacillus plantarum (Orla-Jensen) Zheng et al.

BAA-171™

Description

Bacterial strain isolated from fermented jojoba meal from Hyden Valley Desert in Arizona.

Strain designation: DSM 13273 [NRRL B-14768]
Deposited As: *Lactobacillus arizonensis* Swezey et al.
Type strain: No

Storage Conditions

Product format: Freeze-dried
Storage conditions: 2°C to 8°C

Intended Use

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

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local

or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:
ATCC Medium 416: Lactobacilli MRS Agar/Broth
Temperature: 30°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial.
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. Use 0.1 ml of this suspension to inoculate #416 slants and 0.1ml to inoculate

#416 plates.
4. Incubate tubes and plates at 30°C, under aerobic conditions, for 48 hours.
5. After 48 hours of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 48 hours under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

Notes

Growth on agar at 48 hours yields convex colonies, approximately 2 mm in diameter, with entire margins and a cream-colored hue.
Cells are Gram positive, nonmotile, irregular rods, occurring in pairs and chains predominantly.

Additional information on this culture is available on the ATCC web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Lactiplantibacillus plantarum* (Orla-Jensen) Zheng et al. (ATCC BAA-171)

References

References and other information relating to this material are available at www.atcc.org.

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