



# **Levilactobacillus brevis** (Orla-Jensen) Zheng et al.

13648<sup>TM</sup>

## Description

*Levilactobacillus brevis* strain NCDO 461 is a bacterium that was isolated from a rusty spot in cheese.

**Strain designation:** NCDO 461 [BUCSAV 221, NCIB 4617, NCTC 4617]

**Deposited As:** *Lactobacillus brevis* var. *rudensis* (Davis and Mattick) Breed and Pederson

**Type strain:** No

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## 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.

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## BSL 1

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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](http://www.atcc.org).

### Growth Conditions

**Medium:**

ATCC Medium 416: Lactobacilli MRS Agar/Broth

**Temperature:** 30°C**Atmosphere:** Aerobic

### Handling Procedures

1. Open vial.
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.

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4. Use several drops of the suspension to inoculate a #416 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 48-72 hours.

**Notes**

Colonies on #416 agar are slightly irregular, glistening, low convex and white.

Colonies turn orange in the center with age.

Additional information on this culture is available on the ATCC® web site at

[www.atcc.org](http://www.atcc.org).

**Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Levilactobacillus brevis (Orla-Jensen) Zheng et al. (ATCC 13648)*

**References**

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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