



# ***Lactobacillus delbrueckii* subsp. *bulgaricus* (Orla- Jensen) Weiss et al.**

**BAA-2844™**

## **Description**

*Lactobacillus delbrueckii* subsp. *bulgaricus* strain IDCC 3601 is a non-virulent bacterium that was isolated from South Korea from homemade plain yogurt.

**Strain designation:** IDCC 3601

**Deposited As:** *Lactobacillus bulgaricus*

**Type strain:** No

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## **Storage Conditions**

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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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**

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

**Weiss et al.**

BAA-2844

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.

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## 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).

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## Growth Conditions

**Medium:**

ATCC Medium 416: Lactobacilli MRS Agar/Broth

**Temperature:** 37°C

**Atmosphere:** 95% Air, 5% CO<sub>2</sub>

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## Handling Procedures

1. Open thawed vial.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #416 broth.  
Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes.

***Lactobacillus delbrueckii* subsp. *bulgaricus* (Orla-Jensen)****Weiss et al.****BAA-2844**

3. Use several drops of the primary broth tube to inoculate a #416 plate and/or #416 agar slant.
  4. Incubate at 37°C for 24-48 hours in an atmosphere of 5% CO<sub>2</sub>.
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**Notes**

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

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**Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Lactobacillus delbrueckii* subsp. *bulgaricus* (Orla-Jensen) Weiss et al. (ATCC BAA-2844)

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**References**

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

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***Lactobacillus delbrueckii subsp. bulgaricus* (Orla-Jensen)****Weiss et al.****BAA-2844**

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## **Weiss et al.**

BAA-2844

use of this product. The MTA is available at [www.atcc.org](http://www.atcc.org).

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