



# *Ligilactobacillus equi* (Morotomi et al.) Zheng et al.

BAA-261<sup>TM</sup>

## Description

*Ligilactobacillus equi* strain YIT 0455 is a bacterial type strain that was isolated in 1999 from horse feces.

**Strain designation:** YIT 0455 [JCM 10991, LMG 21748, NRIC 0494]

**Deposited As:** *Lactobacillus equi* Morotomi et al.

**Type strain:** Yes

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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

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



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**Ligilactobacillus equi (Morotomi et al.) Zheng et al.**

BAA-261

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:** 37°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 pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well

**Ligilactobacillus equi (Morotomi et al.) Zheng et al.**

BAA-261

4. Use several drops of this suspension to inoculate a second tube of broth, a slant and/or a plate.

**Notes**

After 48 hours, growth is evident by turbidity in the broth and the formation of small colonies on the slant and/or plate. Growth is best in broth culture or on biphasic slants. Colonies are cream, smooth, entire, convex, and opaque. Cells are thick rods that occur in pairs and chains.

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: *Ligilactobacillus equi* (Morotomi et al.) Zheng et al. (ATCC BAA-261)

**References**

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

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**Ligilactobacillus equi (Morotomi et al.) Zheng et al.**

BAA-261

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