

# *Lactobacillus crispatus* (Brygoo and Aladame) Moore and Holdeman

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## Description

*Lactobacillus crispatus* strain VPI 3199 is a bacterial type strain with applications in bioinformatics.

- **Strain designation** VPI 3199 [CCUG 30722, CIP 102990, CIPP II, DSM 20584, JCM 1185, LMG 9479]
- **Deposited As** *Lactobacillus crispatus* (Brygoo and Aladame) Moore and Holdeman
- **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 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 submerged in liquid nitrogen and will slowly fill with liquid nitrogen. Upon

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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 submerged 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 vial according to enclosed instructions.
  - 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. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
  - 4. Use several drops of this suspension to inoculate a second tube of broth, a slant and/or a plate.
  - 5. Incubate tubes and plate at 37°C in an atmosphere of 5% CO<sub>2</sub> or anaerobic conditions for 24 to 48 hours.
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### **Notes**

This strain can also be grown anaerobically in ATCC Medium 1490: Modified Chopped Meat Medium. The atmosphere for anaerobic conditions is a mixture of 80% N<sub>2</sub>-10% CO<sub>2</sub>-10% H<sub>2</sub>. 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 crispatus* (Brygoo and Aladame) Moore and Holdeman (ATCC 33820)

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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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