



Product Sheet

***Lactobacillus paracasei*  
subsp. *paracasei* (ATCC®  
25302™)**

Please read this **FIRST**



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**1**

**Intended Use**

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

**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Lactobacillus paracasei* subsp. *paracasei* (ATCC® 25302™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

 **Description**

**Designation:** C-5 [NCDO 151, R094]  
**Deposited Name:** *Lactobacillus casei* (Orla-Jensen) Hansen and Lessel  
**Product Description:** Type strain

 **Propagation**

**Medium**  
ATCC® Medium 416: Lactobacilli MRS Agar/Broth


**Growth Conditions**  
**Temperature:** 37°C  
**Atmosphere:** 5% CO<sub>2</sub>

**Propagation Procedure**

1. Open vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #416 broth. 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.
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 hours in an atmosphere of 5% CO<sub>2</sub>.

 **Notes**

Growth is best in broth culture or on biphasic slants.  
Growth on agar may take 48 hours.  
Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

 **References**

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

 **Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)



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