



Product Sheet

# *Lactobacillus casei* (ATCC® 27139™)

Please read this **FIRST**



## 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 casei* (ATCC® 27139™)

## Description

**Designation:** S-1

**Deposited Name:** *Lactobacillus casei* subsp. *casei* (Orla-Jensen) Hansen and Lesell

## Propagation

### Medium

ATCC® Medium 416: Lactobacilli MRS Agar/Broth

### Growth Conditions

**Temperature:** 37.0°C

### Propagation Procedure

1. Open vial according to enclosed instructions.
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.
4. Use several drops of the suspension to inoculate a #416 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C in an atmosphere of 5% CO<sub>2</sub> for 48 hours. Loosen screw caps of all test tubes during the incubation period.

## Notes

After 48 hours, growth is evident by turbidity in the broth and the formation of colonies on the slant and/or plate. Colonies are entire, glistening, and smooth, with slightly spreading edges. Growth is best in broth culture or on biphasic slants.

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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