



Product Sheet

# *Lactobacillus delbrueckii* *subsp. lactis* (ATCC® 12315™)

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 delbrueckii subsp. lactis* (ATCC® 12315™)

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## Description

**Designation:** L110 [DSM 20072, IAM 12476, NCDO 1438, S. Orla-Jensen Thermobacterium lactis 10]  
**Deposited Name:** *Lactobacillus lactis* (Orla-Jensen) Bergey et al.

## 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. 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 for 24 to 48 hours. Plates will take longer for colonies to appear.

## Notes

Colonies on #416 plates appear flat, erose, and translucent to opaque, with a sticky consistency and dull sheen.

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.

## ATCC Warranty

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## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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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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