



# ***Lentilactobacillus kefir*** **(Kandler and Kunath)** **Zheng et al.**

**35411™**

## **Description**

*Lentilactobacillus kefir* strain DSM 20587 is a bacterial type strain that was isolated from kefir.

**Strain designation:** DSM 20587 [A/K]

**Deposited As:** *Lactobacillus kefir* Kandler and Kunath

**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**

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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.

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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:** 34°C

**Atmosphere:** 95% Air, 5% CO<sub>2</sub>

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## Handling Procedures

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.

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4. Use several drops of the suspension to inoculate a #416 agar slant and/or plate.
  5. Incubate tubes and plate at 35°C in an atmosphere of 5% CO<sub>2</sub> for 24-48 hours.  
Loosen screw caps of all test tubes during the incubation period.
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## Notes

After 24-48 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. Only scant growth is observed on agar. Colonies on #416 plates are wrinkled, convex, irregular, and gray.

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: *Lentilactobacillus kefir* (Kandler and Kunath) Zheng et al. (ATCC 35411)

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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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