



# ***Leptospira inadai* Yasuda et al.**

**43289™**

## **Description**

**Strain designation:** 10

**Deposited As:** *Leptospira inadai* Yasuda et al.

**Type strain:** Yes

**Serotype:** lyme

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## **Storage Conditions**

**Product format:** Frozen

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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 2**

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 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 1470: Modified *Leptospira* medium

**Temperature:** 30°C

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## Handling Procedures

1. Just prior to inoculation, place the frozen vial at room temperature to thaw.
2. Transfer the entire contents of the vial to a tube of #1470 broth (5 to 6 ml).
3. Use several drops of the cell suspension to inoculate a #1470 agar slant and/or plate. Additional #1470 broth tubes may be inoculated by transferring 0.5 ml of the primary tube to each addition broth tube.

4. Incubate the tubes and plate at 30°C for 7 to 10 days.

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## Notes

This item is capable of growing in a broth culture, a soft agar stab, as well as on #1470 agar. Colonies on #1470 agar appear entire, white, pinpoint, and are imbedded in the agar. A second phenotype may appear as opaque, larger (up to 1.5 mm in diameter), and imbedded into the agar. No growth should appear on #260 Sheep Blood Agar.

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: *Leptospira inadai* Yasuda et al. (ATCC 43289)

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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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## Revision

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