



Product Sheet

# *Leptospira interrogans* (ATCC® 23470™)

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  
**2**

## 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: *Leptospira interrogans* (ATCC® 23470™)

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:** Hond Utrecht IV  
**Deposited Name:** *Leptospira interrogans* (Stimson) Wenyon  
**Antigenic Properties:** Serotype Canicola  
**Product Description:** Reference strain for serovar Canicola.

## Propagation

### Medium

ATCC® Medium 1470: Modified *Leptospira* medium

### Growth Conditions

**Temperature:** 30°C  
**Atmosphere:** Aerobic

### Propagation Procedure

1. TRANSFER IMMEDIATELY upon thawing by aseptically withdrawing cell suspension from vial and inoculating a 10 to 12 mL tube of Medium #1470, inserting the pipette just below the surface of the semisolid medium. Aliquots of 0.5 mL from this tube may be used to inoculate additional tubes if needed. An aerobic blood plate may also be streaked to test for purity.
2. Incubate test tubes with screw caps lightly tightened along with the blood plate at 30°C under aerobic conditions.
3. Initial growth may take up to 7 days. Observe growth as a thin, tight band forming just below the surface of the medium. The band thickens as incubation continues. Cellular morphology under phase contrast shows active, spiral cells with flexing motility.
4. The aerobic blood plate should show no signs of growth.

## Notes

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: 2

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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Product Sheet

## ***Leptospira interrogans*** **(ATCC® 23470™)**

the misidentification or misrepresentation of such materials.


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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