ATCC

Product Sheet

Leptospira borgpetersenii (ATCC® 23580™)

Please read this FIRST

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 borgpetersenii* (ATCC® 23580™)

Description

Designation: Castellon 3
Deposited Name: *Leptospira interrogans* (Stimson) Wenyon
Antigenic Properties: Serovar castellonis

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 10–12 mL tube of Medium #1470, inserting the pipette just below the surface of the semi-solid 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 30ºC under aerobic conditions.
3. Initial growth may take up to four weeks. Observe growth as a slight, tight band forming just below the surface of the medium. The band thickens as incubation continues. Subsequent transfers grow in 10 to 14 days.
4. The aerobic blood plate should show no signs of growth.

Notes

Cellular morphology under phase contrast shows active, spiral cells with flexing motility.
Additional information on this culture is available on the ATCC web site at www.atcc.org

References

References and other information relating to this product are available online at 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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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

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Or contact your local distributor

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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

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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