



Product Sheet

Mycoplasma genitalium (ATCC® 49123™)

Please read this FIRST



Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section



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: *Mycoplasma genitalium* (ATCC® 49123™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: TW 10-5G
Deposited Name: *Mycoplasma genitalium* Tully et al.

Propagation

Medium

ATCC® Medium 2611: *Spiroplasma* medium

Growth Conditions

Temperature: 37°C
Atmosphere: 5% CO₂

Propagation Procedure

1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Prepare #2611 broth by adding an additional 5% heat-inactivated fetal bovine serum. The culture may not grow without this additional supplement.
3. Rehydrate the entire pellet with approximately 0.5 mL of #2611 broth. Aseptically transfer the entire contents to a 25 cm² T-flask with 5 mL of 2611 broth. 4. Additional flasks can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary flasks.
4. Incubate at 37°C for 7-14 days in an atmosphere of 5% CO₂.
5. Growth is indicated by a medium color change from red to yellow. Growth can be observed as a thin film of adherent cells to the bottom of the T-flask.

Notes

Growth is enhanced by the addition of 5% heat-inactivated fetal bovine serum and the use of T-flasks and growth vessels.

The depositor has suggested that the initial slow, poor adherent growth may be due to the cryoprotectant. Subsequent transfers show improved growth time.

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.

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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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