ATCC

Product Sheet

# *Mycoplasma genitalium* (ATCC® 49895™)

**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: *Mycoplasma genitalium* (ATCC® 49895™)

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:** M30
**Deposited Name:** *Mycoplasma genitalium* Tully et al.

## Propagation

**Medium**
ATCC® Medium 2611: *Spiroplasma* medium

**Growth Conditions**
**Temperature:** 37°C
**Atmosphere:** Broth: Aerobic; Plates: 5% $CO_2$

**Propagation Procedure**

1. It is suggested that you use T-flasks in the propagation of *Mycoplasma genitalium* so that a larger surface area will be available for the cells to adhere to the glass or plastic surface. Approximately 10 mL of Medium 2611 is placed in 25 $cm^2$ flasks, and 200 mL can be placed in 125 $cm^2$ flasks if larger amounts are desired.
2. Transfer the contents of the vial into a small T-flask.
3. Incubate the flask in a horizontal position at 37°C for 7 days to 2 weeks. This strain is very slow to establish growth. Observe the flask for flocs in the medium and for cells adhering to the bottom of the flask. Growth is also indicated by an indicator change from red to orange.
4. When the medium has turned orange, loosen adherent cells with a suitable, sterile scraper. Aseptically transfer the suspension to a centrifuge tube. Spin at 9000 rpm for 30 minutes. Pour off supernatant and resuspend pellet in fresh medium. You should have enough inoculum to make four additional small flasks, or one large one.

## 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

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## Disclaimers

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

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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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