



Product Sheet

Mycoplasma genitalium (ATCC® 33530™)

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® 33530™)

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: G37

Deposited Name: *Mycoplasma genitalium* Tully et al.

Product Description: Type strain. Produces a surface attachment protein. Genome sequenced strain.

Propagation

Medium

ATCC® Medium 988: Spiroplasma medium SP-4

Growth Conditions

Temperature: 37°C

Atmosphere: Aerobic

Propagation Procedure

1. We recommend 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 #988 is placed in 25 cm² flasks, and 200 mL can be placed in 125 cm² flasks if larger amounts are desired.
2. Add an additional 5% heat-inactivated fetal bovine serum to medium #988. Open the vial according to enclosed instructions.
3. Transfer the contents of the vial to a 25 cm² flask.
4. Incubate the flask in a horizontal position at 37°C for 7-14 days. This strain can be slow to establish growth, however subsequent transfers should grow faster once primary growth is established. 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 yellow.
5. When the medium has turned yellow, loosen adherent cells with a suitable, sterile scraper. Use a 10% inoculum when transferring this item to ensure healthy growth in sub-cultures.

Notes

This strain requires an additional 5% heat-inactivated fetal bovine serum be added to ATCC Medium #988 to sustain growth of this strain. Growth is best achieved in T-25 flasks with 10 mL of medium and a 10% inoculum.

The depositor has suggested that the initial slow, poor adherent growth may be due to the cryoprotectant used in the freeze-drying process. Subsequent transfers show improvement in growth times.

This strain may need to have growth established first before sub-culturing.

Purified genomic DNA of this strain is available as ATCC® 33530D™.

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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Disclaimers



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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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