



# ***Mycoplasma*** ***genitalium*** (Tully et al.) **Gupta et al.**

**49897™**

## **Description**

*Mycoplasma genitalium* strain R32G [R32] is a bacterium that was isolated in South Carolina from a human throat.

**Strain designation:** R32G [R32]

**Deposited As:** *Mycoplasma genitalium* Tully et al.

**Type strain:** No

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## **Storage Conditions**

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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## **Intended Use**

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## **BSL 2**

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local

or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

### Medium:

ATCC Medium 0988: Spiroplasma medium SP-4

**Temperature:** 37°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open thawed vial.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #988 broth.  
Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.

3. Use several drops of the primary broth tube to inoculate a plate and/or agar slant.
  4. Incubate at 37°C for 7-14 days.
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## 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 flask with 10 mL of medium and a 10% inoculum.

Culture does not become turbid. Close observation and fluorescent staining may be necessary to observe cell growth. Incubation time may vary.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Mycoplasma genitalium* (Tully et al.) Gupta et al. (ATCC 49897)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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