



Product Sheet

# *Neisseria gonorrhoeae* (ATCC® 53420™)

Please read this **FIRST**



## 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: *Neisseria gonorrhoeae* (ATCC® 53420™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

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## Description

**Designation:** [ATCC 27629]

**Deposited Name:** *Neisseria gonorrhoeae* (Zopf) Trevisan

## Propagation

### Medium

ATCC® Medium 814: GC Agar/Broth Medium

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** 5% CO<sub>2</sub>

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #814 broth (5 to 6 mL), withdraw approximately 0.5 to 1 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate #814 agar slant(s) and/or plate(s).
5. Incubate all tubes and plate at 37°C with 5% CO<sub>2</sub> for 48 hours. Assure that screw caps are loose during incubation period.

## Notes

Good growth occurs within 48 hours incubation. Colonies are entire, glistening, circular, smooth, low convex, and light grey on #814 agar. The increased CO<sub>2</sub> is required for growth.

Brain Heart Infusion (BD 237500) can be used to rehydrate vial contents if #814 broth is not available, but it will not support growth as well as the GC broth.

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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## ***Neisseria gonorrhoeae*** **(ATCC® 53420™)**

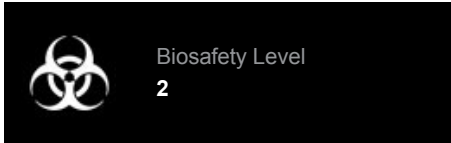
product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

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

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