



Product Sheet

# *Neisseria gonorrhoeae* (ATCC® 53422™)

Please read this FIRST



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

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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: *Neisseria gonorrhoeae* (ATCC® 53422™)

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)

Or contact your local distributor

## Description

**Designation:** [ATCC 31426]  
**Deposited Name:** *Neisseria gonorrhoeae* (Zopf) Trevisan

## Propagation

**Medium**  
ATCC® Medium 1378: GC Medium with penicillin G

## Growth Conditions

**Temperature:** 37°C  
**Atmosphere:** 5% CO<sub>2</sub>

## Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1378 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 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 0.2 mL of the suspension to inoculate a #1378 slant, and/or 0.1 mL for a plate.
5. Incubate all tubes and plate at 37°C with 5% CO<sub>2</sub> for 24 to 48 hours. Assure that screw caps are loose during incubation period.

## Notes

This item needs to establish growth first in broth tubes for 48 hours before transferring to agar plates. Colonies on #1378 agar are small, entire, glistening, circular, raised, smooth, and grey. This item also will grow on ATCC Medium 814 agar plates. Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## 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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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](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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