



Product Sheet

Neisseria gonorrhoeae (ATCC® 19424-MINI-PACK™)

Please read this FIRST

Storage Temp.
▣ **-70°C or colder,
store upright**

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® 19424-MINI-PACK™)

Description

Designation: NCTC 8375 [B 5025]

Deposited Name: *Neisseria gonorrhoeae* (Zopf) Trevisan

Product Description: ATCC® 19424-MINI-PACK™ consists of 6 ready-to-use vials of ATCC® 19424™ frozen in 200 µL of glycerol stock, eliminating the need to rehydrate and culture the strain prior to use. Each vial is provided with a 2-D barcode for easy storage and tracking, as well as peel-off labels for fast and reliable recordkeeping.

Propagation

Medium

ATCC® Medium 814: GC Agar/Broth Medium

Growth Conditions

Temperature: 37°C

Atmosphere: 5% CO₂

Propagation Procedure

Frozen mini-cryovials packed in dry ice should either be thawed immediately for use or stored at or below -70°C until the expiration date printed on the label. Storage at -20°C may affect the growth and viability of the culture.

1. Thaw the bacterial strain upright using gentle agitation in a 25°C to 30°C water bath. Thawing will be rapid; approximately 2-3 minutes or until all ice crystals have melted.
2. Immediately after thawing, wipe down the mini-cryovial with 70% ethanol and aseptically transfer the entire contents to a 5-6 mL tube of #814 broth or directly inoculate a #814 plate and/or #814 agar slant.
3. Discard the empty vial. Do not refreeze any unused portion as it will result in a loss of viability.
4. Incubate the tubes and plate at 37°C with 5% CO₂ for 24 to 48 hours. Assure that screw caps are loose during incubation period.

Notes

The increased CO₂ 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.

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.

ATCC Warranty

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Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be

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

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Product Sheet

Neisseria gonorrhoeae

(ATCC® 19424-MINI-PACK™)

accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

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

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800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

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