



Product Sheet

# *Neisseria meningitidis* (ATCC® 35561™)

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 meningitidis* (ATCC® 35561™)

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  
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Or contact your local distributor

## Description

**Designation:** M-112 [BO-6]  
**Deposited Name:** *Neisseria meningitidis* (Albrecht and Ghon) Murray  
**Antigenic Properties:** Serogroup Y

## 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. Using a single tube of #814 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 #814 slant, and/or 0.1 mL for a plate.
5. Incubate all tubes and plate at 37°C with 5% CO<sub>2</sub>. Growth should occur in 24/48 hours. Assure that screw caps are loose during incubation period.

## Notes

After 48 hours, growth is evident by entire, smooth, glistening, and low convex colonies on the agar surface. 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. If a clear broth culture is desired, use HTM (Haemophilus Test Broth). To make HTM, a fresh hematin stock solution is prepared by dissolving 50 mg of hematin powder in 100 ml of 0.01 M NaOH with heat and stirring until the powder is dissolved thoroughly. Thirty milliliters of the hematin stock solution is added to 1.0 L of Mueller Hinton Broth with 5g of yeast extract. After autoclaving and cooling, aseptically add 3 ml of a NAD (nicotinamide adenine dinucleotide) stock solution (50 mg of NAD dissolved in 10 ml of distilled water; filter sterilized). 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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## ***Neisseria meningitidis*** **(ATCC® 35561™)**

confirmed to be accurate.

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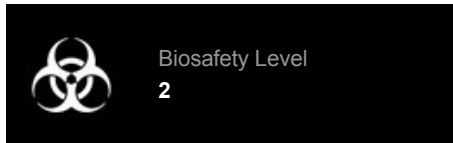
Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

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

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