Neisseria meningitidis (Albrecht and Ghon) Murray

700532™

Description

Neisseria meningitidis strain FAM18 is a bacterium that was isolated from a patient with meningococcal septicemia. This strain is serotype C:2a.

Strain designation: FAM18
Deposited As: *Neisseria meningitidis* (Albrecht and Ghon) Murray
Type strain: No
Serotype: C:2a

Storage Conditions

Product format: Freeze-dried
Storage conditions: 2°C to 8°C

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.

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:
ATCC Medium 814: GC Agar/Broth Medium
Temperature: 37°C
Atmosphere: 95% Air, 5% CO_2

Handling Procedures

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 pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #814 agar slant and/or plate.
5. Incubate the tubes and plate under an atmosphere of 5% CO_2 at 37°C for 24-48 hours.

Notes

Brain Heart Infusion (Difco 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.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Neisseria meningitidis* (Albrecht and Ghon) Murray (ATCC 700532)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

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