



# *Haemophilus influenzae* (Lehmann and Neumann) Winslow et al.

43163™

## Description

**Strain designation:** MMS 34D-F

**Deposited As:** *Haemophilus influenzae* (Lehmann and Neumann) Winslow et al.

**Type strain:** No

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## Storage Conditions

**Product format:** Freeze-dried

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## 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.

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## 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.

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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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 814: GC Agar/Broth Medium

**Temperature:** 37°C**Atmosphere:** 95% Air, 5% CO<sub>2</sub>

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## Handling Procedures

- 1. Open vial according to enclosed instructions.**
- 2. Using a single tube of #5129 (5 to 6 ml), withdraw 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet. Aseptically transfer this aliquot back into the broth tube. Mix well.**

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3. Aseptically transfer 0.2 ml of this suspension to additional #5129 broth tubes, #814 slant(s) and/or 0.1 ml to plates.
  4. Incubate tubes and plates at 37°C in an atmosphere of 5% CO<sub>2</sub>.
  5. Within 24 to 48 hours, growth is evident by colonies on the agar surfaces. Cells are Gram negative, short coccoid rods. Colonies are circular, raised, and glistening, with an entire margin, and a smooth surface.
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### **Notes**

This strain is Beta-lactamase positive.

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Haemophilus influenzae* (Lehmann and Neumann) Winslow et al. (ATCC 43163)

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### **References**

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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