



Mycoplasma struthionis

BAA-1890™

Description

Strain designation: 237IA

Type strain: Yes

Storage Conditions

Product format: Frozen

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 0988: Spiroplasma medium SP-4

Temperature: 37°C**Atmosphere:** 95% Air, 5% CO₂

Handling Procedures

1. Follow instructions as suggested for the culturing of *Mollicutes*:

- a) Open the vial according to the enclosed instructions.
- b) Allow vial to thaw at room temperature. Once material in the vial has thawed, aseptically withdraw contents from the vial.
- c) Aseptically transfer this aliquot into a #988 broth tube. Mix well.
- e) Use an uninoculated tube of broth to serve as a control.

2. Tubes are incubated under 5% CO₂. Using higher concentrations of CO₂ will result in lowering the pH of the medium. The incubation temperature is 37°C.

4. For long term storage of *Mycoplasma struthionis*, freeze-drying or freezing is recommended. Liquid nitrogen storage is the best method. Optimally grown cells are centrifuged at 9000 to 12000 rpm for 30 minutes, the supernatant poured off, and the packed cells resuspended in a smaller amount of #988 broth. To this, add an equal amount of sterile 20% glycerol as a cryoprotectant. This suspension is aliquoted into small plastic vials and stored at -70°C or below.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Mycoplasma struthionis* (ATCC BAA-1890)

References

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

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