



Bartonella clarridgeiae **Lawson and Collins**

700095™

Description

Strain designation: NCSU 94-F40

Deposited As: *Bartonella clarridgeiae* Lawson and Collins

Type strain: No

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 18: Trypticase Soy Agar/Broth

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Temperature: 37°C

Atmosphere: Microaerophilic

Handling Procedures

1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #18 broth.
3. To obtain a biphasic culture, aseptically transfer this aliquot to a #260 slant.
Best practice is to incubate these slants at an angle.

700095

4. Use several drops of the primary biphasic tube to inoculate a #260 plate and/or #260 agar slant.
 5. Incubate at 37°C under microaerophilic conditions for 7-10 days. Use an anaerobe jar with an active catalyst and a microaerophilic gas generator pack or other acceptable method. All tubes and slants should be incubated with caps loosened.
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Notes

Colonies on #260 agar are circular, entire, smooth, raised, and glistening.

Turbidity may not be obvious in the broth portion of the slant.

Cells are present at the broth-agar interface.

Under phase microscopy the organisms appear as small rods, singly or in short chains.

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: *Bartonella clarridgeiae* Lawson and Collins (ATCC 700095)

References

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

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700095

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