Bartonella henselae (Regnery et al.) Brenner et al.

49793™

Description

Bartonella henselae strain 87-66 is a whole-genome sequenced bacterium that was isolated from the blood of a man with AIDS in Oklahoma City, Oklahoma.

Strain designation: 87-66
Deposited As: *Rochalimaea henselae* Regnery et al.
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 1814: Rabbit heart infusion agar
Temperature: 37°C
Atmosphere: 95% Air, 5% CO_2

Handling Procedures

1. Open vial.
2. Using a single tube of #18 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 several drops of the suspension to inoculate a #1814 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C under 5% CO_2 for 7 to 10 days. Good growth should be obtained in the broth pool at the bottom of the slant. Colony formation may take longer. Further subcultures can be made using the broth pool as the inoculum source.

Notes

This is a slow-growing organism that requires moist conditions for best growth. Growth at the broth/agar interface of the biphasic slant should occur within 7-10 days. **The use of FRESH media is of primary importance.**

Medium #4 (Tryptic Soy Agar with 5% Defibrinated Rabbit Blood) may also be used. Once good growth is obtained, transfer or freeze the culture. Adding an equal amount of 20% sterile glycerol to pooled broth from several biphasic slants, followed by freezing in liquid nitrogen or “ultra-low temperature” freezer, is recommended.

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 henselae* (Regnery et al.) Brenner et al. (ATCC 49793)

References

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

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Revision

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