



Bartonella rochalimae **Eremeeva et al.**

BAA-1498™

Description

Strain designation: BMGH

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 814: GC Agar/Broth Medium

Temperature: 35°C

Atmosphere: 95% Air, 5% CO₂

Handling Procedures

PROPAGATION PROCEDURE:

1. Pull frozen vial and let thaw at room temperature.
2. Transfer entire vial contents into a single tube of #814 broth (5 to 6 ml).
3. Use several drops of the suspension to inoculate additional tubes of #814 broth, agar slants, and/or plate.

4. Incubate the tubes and plate at 35°C with 5% CO₂ for 7-10 days.

Notes

Colonies on #814 agar are circular, flat, entire, and translucent.

This organism is very difficult to cultivate. The growth medium #814 must be made fresh, generally less than 7 days old. It is crucial that the plates are poured with 28 ml of medium/plate to compensate for the long incubation time. This organism does not survive at refrigeration temperatures; therefore it is not recommended that this item be stored at 4°C. For long-term preservation, store vials under liquid nitrogen and use a 1:1 ratio of freezing medium to growth media.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Bartonella rochalimae* Eremeeva et al. (ATCC BAA-1498)

References

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

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Revision

This information on this document was last updated on 2022-09-03

Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
