



# ***Borrelia garinii* subsp. *bavariensis* Baranton et al. emend. Hordt et al.**

**BAA-2496™**

## **Description**

*Borrelia garinii* subsp. *bavariensis* strain PBi is a whole-genome sequenced bacterial type strain that was isolated from cerebrospinal fluid. This strain does not grow on agar.

**Strain designation:** PBi

**Deposited As:** *Borrelia bavariensis*

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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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

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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.

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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 1914: Revised BSK medium

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

**Temperature:** 37°C

**Atmosphere:** Microaerophilic

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## Handling Procedures

1. Open thawed vial.

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2. Aseptically transfer the entire contents to a 5-6 mL tube of #1914 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes.
3. Use several drops of the primary broth tube to inoculate a #260 plate.
4. Incubate at 37°C under microaerophilic conditions for 3-5 days. Use an anaerobe jar with an active catalyst and a microaerophilic gas generator pack or other acceptable method. All tubes should be incubated with caps loosened.

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### **Notes**

Cells in broth are only visible under phase microscopy.

Sigma BSK-H can be used for growth as an alternative to ATCC Medium #1914 BSK medium. Organism does not grow on agar

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Borrelia garinii* subsp. *bavariensis* Baranton et al. emend. Hordt et al. (ATCC BAA-2496)

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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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