



# ***Borrelia kurtenbachii***

**BAA-2495™**

## **Description**

**Strain designation:** 25015

**Deposited As:** *Borrelia kurtenbachii*

**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 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

***Borrelia kurtenbachii***

BAA-2495

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**Handling Procedures**

1. Thaw and aseptically transfer the entire contents of the vial to a tube of fresh #1914 broth (5 to 6 ml). Mix well.
  2. Transfer one-tenth of the cell suspension to two or three additional tubes of fresh #1914 broth. Inoculate a #260 plate to check for contamination.
  3. Incubate at 37°C for 5 days.
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## ***Borrelia kurtenbachii***

BAA-2495

### **Notes**

Growth usually occurs after 5 days. Turbidity is not evident. Cells can be monitored under phase microscopy as long, spiral rods with wriggling motility.

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 kurtenbachii* (ATCC BAA-2495)

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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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### **Revision**

This information on this document was last updated on 2025-10-01

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