



# ***Spirochaeta cellobiosiphila***

**BAA-1285™**

## **Description**

**Strain designation:** SIP1

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Frozen

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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 1**

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.

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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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### Handling Procedures

1. Open vial according to enclosed instructions.
  2. Using a single tube of #2641 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. Do a dilution series using seven broth tubes transferring 0.5 ml from the previous tube.
  5. Use several drops of the initial suspension to inoculate a plate.
  6. Incubate all tubes and plate at 30°C.
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### Notes

Colonies on #2641 plates are light yellow, umbonate, and glistening. Cells are motile

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spirochetes. Optimum temperature for growth is 30°C. However, cultures can be maintained at room temperature (22°-23°C) in screw cap tubes containing 7-10ml of #2641 broth per tube and transferred by loop transfer every 3<sup>rd</sup> or 4<sup>th</sup> days.

Viability declines fairly rapidly after cells reach maximum turbidity. It is best to transfer when visibly turbid, even if not at maximum turbidity.

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: *Spirochaeta cellobiosiphila* (ATCC BAA-1285)

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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**

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