Designation: 100 [NCIB 9529]
Deposited Name: Bdellovibrio bacteriovorus Stolp and Starr
Product Description: Type strain

Medium
ATCC® Medium 1603: DNB medium

Growth Conditions
Temperature: 30°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to the enclosed instructions.
2. Using a 125 mL flask containing 50 mL of the recommended broth, withdraw 0.5 to 1.0 mL and rehydrate the entire pellet. Put several drops into a tube of standard Nutrient Broth (BD 234000) and the rest back into the flask.
3. Incubate the tube at 30°C and the flask on a reciprocal shaker at the same temperature.
4. After 24 hours, place the tube in the refrigerator to be used as a host stock if needed. It will also contain the Bdellovibrio but often a more concentrated suspension of the host is needed for infection. A pure culture of the host strain ATCC® 15357™ Erwinia amylovora is available and may also be used instead of trying to propagate the host as a mixed culture.
5. After 5-10 days, examine a wet mount preparation of the flask culture to check for free swimming Bdellovibrio cells. They will be observed as very tiny, actively motile, curved rods.

Observe the flask culture microscopically daily until the Bdellovibrio are observed. A decrease in turbidity should also be noted indicating lysis of the host cells.
To further propagate the strain, use the tube of the host set aside for this purpose. It should be transferred and used as a 24 hour culture.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

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

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Product Sheet

*Bdellovibrio bacteriovorus*  
(*ATCC® 15356™*)

**Please read this FIRST**

- **Storage Temp.**  
  Frozen: -80°C or colder  
  Freeze-Dried: 2°C to 8°C  
  Live Culture: See Propagation Section

- **Biosafety Level**  
  1

**Intended Use**

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Bdellovibrio bacteriovorus*  
(*ATCC® 15356™*)

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