**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.

### Notes
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
References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

### Biosafety Level: 1
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.

### ATCC Warranty
ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

### Disclaimers
This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been...
confirmed to be accurate. This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

© ATCC 2018. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [08/08]