



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™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

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

Propagation

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.

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.

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

confirmed to be accurate.

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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.

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