



Product Sheet

Bacillus thuringiensis (ATCC® 33679™)

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: *Bacillus thuringiensis* (ATCC® 33679™)

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: NRRL B-3792

Deposited Name: *Bacillus thuringiensis* subsp. *kurstaki* de Barjac and Lemille

Antigenic Properties: Serotype H3:3a,3b

Propagation

Medium

ATCC® Medium 1209: NSMP* Modified Medium

Growth Conditions

Temperature: 30°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1209 (5 to 6 mL), withdraw 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. Use several drops of the suspension to inoculate a #1209 agar slant and/or plate.
5. Incubate tubes and plates at 30°C for 24 hours.

Notes

Serotype H3:3a,3b (Barjac and Lemille, J. Invertebr. Pathol. 15: 139-140, 1970).

This strain produces spores and toxic parasporal crystals (Johnson *et al.*, Can. J. Microbiol. 26: 486-491, 1980).

This strain also has genes that code for entomocidal proteins (Yamamoto, Curr. Microbiol. 17: 5-12, 1988). Colonies on #1209 are erose, large, flat and rough.

Purified genomic DNA of this strain is available as ATCC® 33679D™.

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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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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