



Bordetella pertussis **(Bergey et al.) Moreno-Lopez**

9797™

Description

Bordetella pertussis strain 18323 [NCTC 10739] is a whole-genome sequenced bacterial type strain that has applications in testing the potency of the pertussin vaccine.

Strain designation: 18323 [NCTC 10739]

Deposited As: *Bordetella pertussis* (Bergey et al.) Moreno-Lopez

Type strain: Yes

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Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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.

BSL 2

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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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 35: Bordet Gengou Agar/Broth Medium

Temperature: 37°C

Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions.
 2. Using a single tube of #35 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. Use several drops of the suspension to inoculate a #35 agar slant and/or plate.
 5. Incubate all tubes and plate at 37°C for 72 to 96 hours.
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Notes

It may be beneficial to establish growth in a tube of broth for 48 hours before transferring to solid medium. Best growth is obtained with the use of fresh media. Purified genomic DNA of this strain is available (ATCC 9797D-5, ATCC 9797DQ). Additional information on this culture is available on the ATCC web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Bordetella pertussis* (Bergey et al.) Moreno-Lopez (ATCC 9797)

References

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

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

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Product Sheet

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
