



Product Sheet

## *Bordetella pertussis*

(ATCC® 53894™)

Please read this FIRST



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

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Biosafety Level  
**2**

### 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: *Bordetella pertussis* (ATCC® 53894™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

### Description

**Designation:** PT9/28G [W28]

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

### Propagation

#### Medium

ATCC® Medium 35: Bordet Gengou Agar/Broth Medium

#### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** Aerobic

#### Propagation Procedure

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 the tubes and plate at 37°C for 72-96 hours.

### Notes

Best growth is obtained with the use of fresh media. It may be beneficial to establish a 48 hour growth in a tube of broth before transfer to solid medium.

Colonies on #35 agar are small, entire, circular, smooth, glistening, and convex.

According to the depositor, this strain encodes and produces a non-toxic form of pertussis toxin.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://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: 2

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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This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this



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## ***Bordetella pertussis*** **(ATCC<sup>®</sup> 53894<sup>™</sup>)**

product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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