



# *Xanthomonas* *axonopodis* Starr and Garces pathovar *phaseoli*

9563™

## Description

**Strain designation:** XP 20 [ICMP 5834, LMG 7455, NCPPB 3035, PDDCC 5834]

**Deposited As:** *Xanthomonas phaseoli* (ex Smith) Gabriel et al.

**Type strain:** Yes

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## Intended Use

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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.

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### **Biosafety Level 1**

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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.

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### **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 3: Nutrient agar or nutrient broth

**Temperature:** 26°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial according to enclosed instructions.
  2. Using a single tube of #3 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 #3 agar slant and/or plate.
  5. Incubate the tubes and plate at 26°C; growth should be detected within 24 to 48 hours.
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## Notes

Colonies are circular, entire, smooth, convex, yellow, opaque, and mucoid.

Cells are Gram negative, medium-length, motile rods arranged in singles and pairs.

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Xanthomonas axonopodis* Starr and Garces pathovar *phaseoli* (ATCC 9563)

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## References

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

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*phaseoli***

Product Sheet

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**Revision**

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