



# ***Curtobacterium flaccumfaciens* (Hedges) Collins and Jones pathovar *beticola***

**BAA-144™**

## **Description**

**Strain designation:** T30

**Deposited As:** *Curtobacterium flaccumfaciens* (Hedges) Collins and Jones pathovar *beticola*

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

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## **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.

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## **BSL 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 18: Trypticase Soy Agar/Broth

**Temperature:** 26°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial according to enclosed instructions.
2. From a single tube of #18 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the entire pellet.
3. Use 0.1 ml of this suspension to inoculate #18 slants and 0.1ml to inoculate #18

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plates.

4. Incubate tubes and plates at 26°C, under aerobic conditions, for 48 hours.

5. After 48 hours of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 48 hours under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

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## Notes

Growth on agar at 48 hours yields effuse colonies, that are 1-2 mm in diameter, with entire margins and an opaque to yellow hue.

Cells are Gram positive, short motile rods, occurring individually and paired.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Curtobacterium flaccumfaciens* (Hedges) Collins and Jones pathovar *beticola* (ATCC BAA-144)

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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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