



# ***Photorhabdus* *asymbiotica* subsp. *asymbiotica* Fischer-Le Saux et al.**

**43948™**

## **Description**

**Strain designation:** 1216-79

**Deposited As:** *Xenorhabdus luminescens* Thomas and Poinar

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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 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 submerged 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 submerged 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

## 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.

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4. Incubate broth at 26°C for 48 to 72 hours.
  5. Use several drops of the grown suspension to inoculate a second tube of broth, a slant, and/or plate. Secondary tubes will grow in 24 to 48 hours.
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### Notes

If cells are allowed to incubate for more than 72 hours, they will continue to grow showing changes in size and attain a reddish-brown color.

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: *Photorhabdus asymbiotica* subsp. *asymbiotica* Fischer-Le Saux et al. (ATCC 43948)

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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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