Designation: Hb [DSM 3368, HB1, NCIB 12670]
Deposited Name: Xenorhabdus luminescens Thomas and Poinar
Product Description: Type strain that exhibits bioluminescence following dark adaption.

Medium
ATCC® Medium 3: Nutrient agar or nutrient broth

Growth Conditions
Temperature: 30°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #3 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #3 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #3 plate and/or agar slant.
4. Incubate at 30°C for 24-72 hours.

Notes
Depositor suggests that to see bioluminescence, grow culture in 100 mL of Nutrient Broth in a 250 mL flask. After 48 hours, luminescence can be seen after dark-adapting culture for 10 to 20 minutes. To dark-adapt, place the culture in a lightproof container or take it into a dark room. Culture will glow in the dark.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

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

Biosafety Level: 1

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: Photorhabdus luminescens subsp. luminescens (ATCC® 29999™)

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

**Photorhabdus luminescens**

*subsp. luminescens* (ATCC® 29999™)

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**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 1**

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