Designation: 3105-77
Deposited Name: Xenorhabdus luminescens Thomas and Poinar

Medium
ATCC® Medium 18: Trypticase Soy Agar/Broth

Growth Conditions
Temperature: 26.0°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using 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. 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 #18 agar slant and/or plate.
5. Incubate all tubes and plate at 26°C for 24 to 48 hours.

Colonies on #18 plates are flat, undulate, umbonate, and pale yellow to yellow in color; colonies will vary in size. It should be noted that the colonies will change over time, becoming darker in color and with the appearance of black flakes on the surface. In some cases, dark brown spots will appear under areas of heavy growth; this is not a sign of contamination. On blood agar, annular hemolysis will appear around the edges of heavy growth.

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.

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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