### Description

**Deposited Name:** Bacillus sp.

**Product Description:** Bacteriophage host

### Propagation

**Medium**

ATCC® Medium 266: Trypticase broth (supplemented)

**Growth Conditions**

- **Temperature:** 55°C
- **Atmosphere:** Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #266 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 an additional broth tube, a #266 agar slant and/or a plate.
5. Incubate all tubes and plate at 55°C for 24 hours. It is advisable to place plates and slants into a plastic bag to reduce drying.

### Notes

Colonies on #266 plates are pinpoint to 1.5 mm, circular, entire, and low convex with a dull sheen. This strain will grow on Nutrient Broth (BD 234000) and Agar (BD 213000), but #266 is recommended for phage propagation.

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

### References

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

### Biosafety Level

**Biosafety Level:** 1

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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**Product Sheet**

**Geobacillus stearothermophilus (ATCC® 12016™)**

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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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**Intended Use**

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

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**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Geobacillus stearothermophilus (ATCC® 12016™)*