Designation: L.S. McClung 2006
Deposited Name: Clostridium sporogenes (Metchnikoff) Bergey et al.
Product Description: This organism is used for sterility testing, media testing, and quality control. Heat-resistant.

Medium
ATCC® Medium 2107: Modified Reinforced Clostridial

Growth Conditions
Temperature: 37°C
Atmosphere: Anaerobic

Propagation Procedure
1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Under anaerobic conditions aseptically rehydrate the entire pellet with approximately 0.5 mL of #2107 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #2107 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice dictates the use of pre-reduced media.
3. Use several drops of the primary broth tube to inoculate a brucella blood plate and/or blood agar slant.
4. Incubate in an anaerobic atmosphere at 37°C for 24 to 48 hours. Incubate one agar plate aerobically at 37°C to check for contamination.

ANAEROBIC CONDITIONS:
Anaerobic conditions for transfer may be obtained by the use of an anaerobic gas chamber or placement of test tubes under a gassing cannula system connected to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:
- Loose screw caps on test tubes in an anaerobic chamber
- Loose screw caps on test tubes in an activated anaerobic gas pack jar
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained

Notes
Anaerobe Systems Brucella Blood Agar plates (AS-111 or AS-141) are recommended for analyzing colony morphology and purity. Always use freshly prepared prereduced media or prereduced media that has been previously prepared but stored under anaerobic conditions.

Purified genomic DNA of this strain is available as ATCC® 11437D-5™. Also available as a certified reference material: ATCC® CRM-11437™.

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: 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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