Designation: CIN1
Deposited Name: Papillibacter cinnamivorans Defnou et al.

Medium
ATCC® Medium 1788: Cinnamate Medium

Growth Conditions
Temperature: 37°C
Atmosphere: Anaerobic gas mixture, 80% N₂-20% CO₂

Propagation Procedure
1. Sterilize the rubber stoppers of the broth tubes by spraying with 70% ethanol and then flaming the tops.
2. If needed, exchange the gas in the test tubes for an anaerobic atmosphere.
3. If the medium is pink, also add 0.1 mL reducing agent (1.5% Na₂S.9H₂O, stock solution) per tube. Let the medium sit at room temperature for 10 to 20 minutes until the resazurin becomes colorless before inoculating.
4. When the broth is ready to inoculate, open the vial thaw according to the enclosed instructions.
5. For inoculation, use a 1 mL syringe tipped with 22 gauge needle. Draw approximately 0.5 mL of broth into the syringe and rehydrate the cell pellet. Then inoculate the cell suspension back into the broth and incubate at 37°C. Secondary tubes can be inoculated by transferring 0.5 mL of the primary tube. Plate 0.1 mL of the inoculated culture onto a nonselective medium and incubate aerobically at 37°C.
6. Growth should be detected in the #1788 broth after 1 week. There should be no growth detected on the aerobic plate.

Notes
Microscopic examination of culture reveals nonmotile rods.

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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