Papillibacter cinnamivorans Defnoun et al.

700879™

Description

Strain designation: CIN1
Deposited As: *Papillibacter cinnamivorans* Defnoun et al.
Type strain: Yes

Storage Conditions

Product format: Freeze-dried
Storage conditions: 2°C to 8°C

Intended Use

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

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:
ATCC Medium 1788: Cinnamate Medium
Temperature: 37°C
Atmosphere: 80% N_2, 20% CO_2

Handling Procedures

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% $Na_2S.9H_2O$, 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.
Additional information on this culture is available on the ATCC® web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Papillibacter cinnamivorans* Defnoun et al. (ATCC 700879)

References

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

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