Pelobacter acidigallici Schink and Pfennig

49970™

Description

Strain designation: DSM 2377 [Ma Gal2]
Deposited As: *Pelobacter acidigallici* Schink and Pfennig
Type strain: Yes

Storage Conditions

Product format: Freeze-dried

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 1852: Pelobacter medium with gallic acid
Temperature: 30°C
Atmosphere: Anaerobic

Handling Procedures

1. Open vial according to enclosed instructions.

2. Under anaerobic conditions, withdraw 0.5 ml of #1852 broth from a single tube (5 to 6 ml) and rehydrate the vial contents.

3. Aseptically transfer this aliquot back into the broth tube. A #1852 slant and a pre-reduced blood plate may be inoculated with 0.2 ml each of the cell

suspension. An aerobic blood plate may also be streaked to check for purity.

4. Incubate tubes and anaerobic plate under anaerobic conditions at 30ºC. Incubate aerobic plate at 30ºC.

5. Within 48 to 96 hours, growth should be evident by turbidity in the broth. On slants, colonies are pinpoint. This strain is a strict anaerobe and no growth should occur on the aerobic plate.

ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

Use of an anaerobic gas chamber, or

Placement of test tubes under a gassing cannula system hooked to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

Loose screw caps on test tubes in anaerobic chamber,

Loose screw caps on test tubes in an activated anaerobic Gas Pak jar.

Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Pelobacter acidigallici* Schink and Pfennig (ATCC 49970)

References

References and other information relating to this material are available at

www.atcc.org.

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Revision

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