Thermanaerovibrio acidaminovorans (Guangsheng et al.) Baena et al.

49978™

Description

Bacterial type strain that has been genome sequenced
Strain designation: Su883 [DSM 6589]
Deposited As: *Selenomonas acidaminovorans* Guangsheng 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 1834: Wilkins-Chalgren anaerobe medium (Oxoid CM643) with 2% yeast extract
Temperature: 55°C
Atmosphere: Anaerobic

Handling Procedures

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of the #1834 broth from a single tube (5 to 6 ml) and rehydrate the entire vial contents.

3. Aseptically transfer this aliquot back into the broth tube and inoculate a secondary broth with 0.1 ml of the cell suspension. Streak #1834 agar colony morphology and streak several sheep blood agar plates to check for purity.
4. Incubate tubes, #1834 agar, and one sheep blood plate under anaerobic conditions at 55°C. Incubate second sheep blood agar plate aerobically at 37°C for aerobic contamination check.
5. Within 72 hours, growth in broth is evident by good turbidity.

ANAEROBIC CONDITIONS:

- Tubes of media are placed under a gassing cannula system connected to a source of oxygen-free gas.
- All transfers are performed while the test tubes are on the cannula system with a gentle stream of oxygen free gas flowing through the system.
- As the test tubes are removed from the cannula system each is sealed with butyl rubber stopper thus maintaining the anaerobic headspace.

Notes

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: *Thermanaerovibrio acidaminovorans* (Guangsheng et al.) Baena et al. (ATCC 49978)

References

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

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Revision

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