Treponema socranskii subsp. *buccale* Smibert et al.

35534™

Description

Strain designation: VPI D2B8
Deposited As: *Treponema socranskii* subsp. *buccale* Smibert et al.
Type strain: Yes

Storage Conditions

Product format: Frozen

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 1367: Modified OTI medium
Temperature: 37°C
Atmosphere: Anaerobic

Handling Procedures

1. Open vial according to enclosed instructions.

2. Under anaerobic conditions, aseptically withdraw approximately 0.5 to 1.0 ml from a tube of #1367 broth. Rehydrate the entire pellet.

3. Transfer this aliquot back into the broth tube.

4. Additional tubes of broth may be inoculated with 0.5 ml each of the suspension. Inoculate two Tryptic Soy Agar plates with 5% sheep blood (ATCC Medium #260). Incubate one blood plate anaerobically to check for colony formation and incubate the second plate aerobically to check for purity.

5. Incubate tubes and one plate under anaerobic conditions at 37°C. Incubate the second blood plate aerobically.

6. Growth occurs within 7 days, and should be evident by very slight turbidity in the broth and helical cells under phase contrast microscopy. The aerobic plate should show no signs of growth.

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 pack jar, or

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

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: *Treponema socranskii* subsp. *buccale* Smibert et al. (ATCC 35534)

References

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

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