Clostridium sardiniense corrig. Prévot emend. Wang et al.

27555™

Description

Strain designation: HA 7103 [ATCC 33571, CIP 104302, DSM 599, JCM 1381, NCTC 10984, VPI 6905]
Deposited As: *Clostridium absonum* Nakamura et al.
Type strain: Yes; type strain of *Clostridium absonum*

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 2

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 38: Beef liver medium for anaerobes
Temperature: 37°C
Atmosphere: Anaerobic

Handling Procedures

1. Open vial according to enclosed instructions.

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

3. Aseptically transfer this aliquot back into the broth. Mix well. Additional broth tubes may be inoculated with 0.5 ml each from the suspension. Slant tubes may be

inoculated with 0.2 ml each. Streak several blood plates to check for colonial morphology and purity.

4. Incubate tubes under an anaerobic atmosphere at 37ºC. Incubate one agar plate anaerobically and one in air.

5. In 24 to 48 hours, growth should be evident by turbidity and sediment in the broth and by colonies on the agar surfaces. On the anaerobic #260 plate, colonies are large, flat, irregular, glistening. No growth should appear 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 connected to anaerobic gas.

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

·Loose screw caps on test tubes in anaerobic chamber,

·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: *Clostridium sardiniense* corrig. Prévot emend. Wang et al. (ATCC 27555)

References

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

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