BAA-381

BAA-381™

Description

Type strain. Genome sequenced strain.
Strain designation: LMG 19568 [CH001A, NCTC 13146]
Deposited As: *Campylobacter hominis* Lawson 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 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 1115: Brucella albimi broth
ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood
Temperature: 37°C
Atmosphere: Anaerobic

Handling Procedures

1. Add Formate/Fumarate Supplement to all media to be used as described in the notes section.
2. Open vial according to enclosed instructions.
3. Using a single tube of #1115 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
4. Aseptically transfer this aliquot back into the broth tube. Mix well.

5. Use several drops of the suspension to inoculate a #260 slant, and/or plate.
6. To obtain a biphasic culture, add 0.5 mL of the suspension to a #260 agar slant.
7. Incubate tubes and plate at 37°C, under anaerobic conditions, for 24 to 48 hours. Use ananaerobe jar with an active catalyst and a microaerophilic gas generator pack, or other acceptable method. Incubate slant with cap loose.

Notes

Formate/Fumarate Supplement: Prepare a solution containing sodium formate and fumaric acid at a concentration of 6% each in distilled water; adjust pH to 7.0, and filter sterilize. Prior to inoculation, add 0.25 mL of this solution to each 5.0 mL broth tube. Also add 0.25 mL to each agar slant and agar plate. Use a loop to spread the Formate and Fumarate solution over the agar surface of the plate until dry, and then inoculate with the organism.

This culture may grow well biphasically. To achieve this, inoculate a slant with 0.5 mL of cell suspension. Cells will grow in the liquid portion.

Storage at liquid nitrogen temperatures, with 10% glycerol as the cryoprotectant, is recommended for long-term preservation.

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: BAA-381 (ATCC BAA-381)

References

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

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Revision

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Contact Information

ATCC
10801 University Boulevard
Manassas, VA 20110-2209
USA
US telephone: 800-638-6597
Worldwide telephone: +1-703-365-2700
Email: tech@atcc.org or contact your local distributor