Campylobacter ureolyticus Vandamme et al.

43604™

Description

Campylobacter ureolyticus strain P1N10 was isolated from the urethra of man with non-gonococcal urethritis. This strain grows anaerobically in modified chopped meat medium.

Strain designation: P1N10
Deposited As: *Bacteroides ureolyticus* Jackson and Goodman
Type strain: No

Storage Conditions

Product format: Frozen
Storage conditions: -80°C or colder

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:
Anaerobe Systems Brucella Blood Agar Plates (BRU) (AS-111 or AS-141)
ATCC Medium 1490: Modified chopped meat medium
Temperature: 37°C
Atmosphere: Anaerobic

Handling Procedures

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1. Open thawed vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Under anaerobic conditions, aseptically transfer the entire contents to a 5-6 mL tube of #1490 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice dictates the use of pre-reduced media.
3. A #1490 slant and a pre-reduced blood plate may be inoculated with 0.2 mL each from the initial broth tube. An aerobic blood plate may also be streaked to check for purity.
4. Incubate tubes and anaerobic plate under anaerobic conditions at 37°C. Incubate one blood plate aerobically at 37°C.
5. Within 24-48 hours, growth should be evident. No growth should occur on the blood agar plate incubated aerobically.

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

Anaerobe Systems Brucella blood agar is recommended for growth on agar.

Always use freshly prepared pre-reduced media or pre-reduced media that has been previously prepared but stored under anaerobic conditions.

Additional information on this culture is available on the ATCC® web site at

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www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner:
Campylobacter ureolyticus Vandamme et al.
(ATCC 43604)

References

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

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