



Clostridium novyi (Migula) Bergey et al.

27606™

Description

Strain designation: VPI 8099

Deposited As: *Clostridium novyi* (Migula) Bergey et al.

Type strain: No

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 1589: Modified chopped meat medium (ATCC medium 1490) with 1% glucose

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.
5. Within 48 hours, growth should be evident by turbidity and gas in the broth. No growth should occur on agar plate incubated aerobically. After good growth has

been established in broth, an agar plate may be streaked and incubated anaerobically to observe colonial morphology.

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,

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

Minimize exposure to oxygen, or strain will not remain viable. Thioglycollate medium does not support growth. Use only pre-reduced media that has been stored anaerobically.

Cells are large regular rods. Spores are formed subterminally. Colonies are irregular with a lobate margin.

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 novyi* (Migula) Bergey et al. (ATCC 27606)

References

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

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Revision

This information on this document was last updated on 2022-09-03

Contact Information

***Clostridium novyi* (Migula) Bergey et al.**
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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
