ATCC

Product Sheet

Nannocystis exedens (ATCC® 25965™)

Please read this FIRST

Biosafety Level
1

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Nannocystis exedens* (ATCC® 25965™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: Na e17
Deposited Name: *Nannocystis exedens* Reichenbach

Propagation

Medium
ATCC® Medium 1443: Nannocystis agar

Growth Conditions
Temperature: 30.0°C

Propagation Procedure

1. **Thaw frozen vial and aseptically transfer vial contents to a single tube of #1443 broth (5 to 6 ml).**
2. **Use several drops of the suspension to inoculate a #1443 broth tube, slant, and/or plate.**
3. **Add a few drops of dead *Escherichia coli* cells to the broth tubes or as an overlay on the agar.**
4. **Incubate all tubes and plates at 30ºC in a dark incubator for 4-5 days. Incubate in a water-saturated atmosphere.**

Notes

On medium #1443, with an overlay of dead *Escherichia coli* cells, colonies are irregular and spreading with an orange pigment. This organism exhibits pitting growth into the agar. Growth in broth is seen by orange flaky sediment. Agar growth occurs best when taken from an established broth culture.

For best growth in broth, the culture should be shaken at 30ºC. It is advisable to grow this organism on plates rather than slants because of the larger surface area available for the swarming growth that this organism exhibits. The swarms spread over the agar surface and often die when they reach the edge of the dish or the walls of the tubes. Make transfers from the edge of the swarms by cutting out small agar blocks at intervals of 3 to 4 weeks.
Additional information on this culture is available on the ATCC web site at www.atcc.org.

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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This product is sent with the condition that you are responsible for its safe storage, handling, and use.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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