



Pseudomonas fluorescens Migula

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Description

Pseudomonas fluorescens strain NCTC 10038 is a whole-genome sequenced bacterial type strain. The culture was isolated from pre-filter tanks and has applications in bioinformatics, water testing, and antimicrobial preservative testing.

- **Strain designation** NCTC 10038 [28/5, CCEB 546, DSM 50090, NCIB 9046, NCPPB 1964, PJ239, R. Hugh 818, R.Y. Stanier 192, Biotype A]
- **Deposited As** *Pseudomonas fluorescens* Migula
- **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 1

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 submerged in liquid nitrogen and will slowly fill with liquid nitrogen. Upon

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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 submerged 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 3: Nutrient agar or nutrient broth](#)
 - **Temperature** 26°C
 - **Atmosphere** Aerobic
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Handling Procedures

1. Open the vial according to the enclosed instructions.
 2. Using a single tube of #3 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.
 3. Aseptically transfer this aliquot back into the primary broth tube. Mix well.
 4. Use several drops of the suspension to inoculate a #3 agar slant and/or plate.
 5. Incubate the tubes and plate at 26°C for 24-48 hours.
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Notes

This strain produces fluorescein pigment.
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: *Pseudomonas fluorescens* Migula (ATCC 13525)

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 2024-06-15

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