ATCC

Product Sheet

Pseudomonas aeruginosa (ATCC® CRM-27853™)

Please read this FIRST

Storage Temp.
2°C to 8°C, low humidity, for freeze-dried cultures

Biosafety Level
2

Intended Use

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

Certified Reference Material produced under an ISO Guide 34:2009 accredited process.

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Pseudomonas aeruginosa* (ATCC® CRM-27853™)

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: Boston 41501
Deposited Name: *Pseudomonas aeruginosa* (Schroeter) Migula

Propagation

Medium
ATCC® Medium 18: Trypticase Soy Agar/Broth

Growth Conditions
Temperature: 37°C
Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #18 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette and use to rehydrate the entire pellet.
3. Transfer the rehydrated pellet back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a second tube of broth, a slant, and/or a plate.
5. Incubate all tubes and plates at 37°C for 24 hours.

Notes

Certificates of Analysis are available electronically at www.atcc.org, or by hardcopy upon request.
Two colony types may be observed. They have been individually characterized and found to be the same. The predominant type is flat with a spreading edge and rough surface. The secondary type is small and compact. **To prevent the proliferation of the second colony type, avoid passing this strain through broth for subsequent transfers. It is recommended to wash the slant with phosphate buffer and use that to inoculate further agar plates and/or agar flasks, if needed.** This strain produces both fluorescein and pyocyanin pigments.
Additional information on this culture is available on the ATCC website at www.atcc.org.

References

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

Biosafety Level: 2

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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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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

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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