



Product Sheet

Pseudomonas aeruginosa (ATCC® 47085™)

Please read this FIRST



Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section



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.

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® 47085™)

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: PAO1-LAC

Deposited Name: *Pseudomonas aeruginosa* (Schroeter) Migula

Genotype: lacIq+ delta(lacZ)M15+ tetA+ tetR+

Product Description: For use with the expression vector pUCP19 (ATCC 87110). Phenotype verified: *tetR*. Genome sequenced strain. Transformation host.

Propagation

Medium

ATCC® Medium 1631: LB medium (ATCC medium 1065) with 10 mcg/ml tetracycline

Growth Conditions

Temperature: 30°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #1631 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #1631 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #1631 plate and/or #1631 agar slant.
4. Incubate at 30°C for 24 hours.

Notes

Two colony types observed on #1631 agar are 1) entire, glistening, circular, smooth, and low convex; and 2) irregular, glistening, undulate, low convex, and smooth. This item produces green pigment. 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: 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.

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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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