



Product Sheet

Arthrobacter

chlorophenolicus (ATCC® 700700™)

Please read this **FIRST**



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: *Arthrobacter chlorophenolicus* (ATCC® 700700™)

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: A6 [DSM 12829]

Deposited Name: *Arthrobacter chlorophenolicus* Westerberg et al.

Propagation

Medium

ATCC® Medium 2236: GM medium with 4-Chlorophenol

Growth Conditions

Temperature: 26.0°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #2236 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 pellet.
3. Use 0.1 ml of this suspension to inoculate #2236 slants and 0.1ml to inoculate #2236 plates.
4. Incubate tubes and plates at 26°C, under aerobic conditions, for 2-3 days.
5. After 2-3 days of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 2-3 days under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

Notes

At 3 days, growth on agar yields convex colonies, 1-2 mm in diameter, with entire margins and an opaque to pearl-white hue.

Cells display a rod-coccus life cycle. Some motility is observed in broth at 2-4 days. Density is high in 3 days.

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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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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