



Product Sheet

Gluconacetobacter xylinus (ATCC® 55869™)

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: *Gluconacetobacter xylinus* (ATCC® 55869™)

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: 1306-27

Deposited Name: *Acetobacter xylinus* Yamada

Propagation

Medium

ATCC® Medium 1719: Modified R70-2 medium with glucose

Growth Conditions

Temperature: 26.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1719 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 broth tube. Mix well.
4. Use several drops of the suspension to inoculate a second tube of broth, a slant, and/or plate.
5. Incubate all tubes and plate at 26°C for 48 to 72 hours.

Notes

Growth is observed after 48 to 72 hours. Colonies on agar are entire, glistening, smooth, umbonate, opaque, and cream, changing to tannish-brown with age. This strain should NOT produce a cellulose pellicle if grown on #1719 medium. The organism may mutate to a cellulose producer if grown on other media.

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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