ATCC

Product Sheet

Zymomonas mobilis subsp. mobilis (ATCC® 29191™)

Please read this FIRST

Biosafety Level
1

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: *Zymomonas mobilis subsp. mobilis* (ATCC® 29191™)

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: Z6 [NCIB 11199]
Deposited Name: *Zymomonas mobilis* subsp. *mobilis* (Lindner) Kluyver and van Niel

Propagation

Medium
ATCC® Medium 948: Zymomonas medium

Growth Conditions
Temperature: 30.0°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #948 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 #948 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 48 hours.

Notes

After approximately 48 hours of incubation at 30ºC, growth is observed by turbidity in the broth tube. Colonies on plates are circular, entire, glistening, smooth, and cream colored, often varying in size and opacity. Cells appear as Gram negative, non-motile rods with rounded ends. They are arranged singly, in pairs, and sometimes in chains.

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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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

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