



Rhizobium viscosum (Gasdorf et al.) Flores- Félix et al.

19584™

Description

Rhizobium viscosum strain NRRL B-1973 is a bacterial type strain isolated from soil. This strain is cited to produce a viscous extracellular polysaccharide.

Strain designation: NRRL B-1973

Deposited As: *Arthrobacter viscosus* Gasdorf et al.

Type strain: Yes

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

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

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local

or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 200: YM agar or YM broth

Temperature: 26°C

Atmosphere: Aerobic

Handling Procedures

1. Open vial.
2. Using a single tube of #200 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or glass pipet. Rehydrate the pellet.
3. Transfer this aliquot back into the broth tube. Mix well.

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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 96 hours.
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Notes

On #200 agar, colonies are circular with entire margins, convex elevation, and smooth and glistening surface. It produces copious amounts of extracellular polysaccharide.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Rhizobium viscosum* (Gasdorf et al.) Flores-Félix et al. (ATCC 19584)

References

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

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