



# *Rhizobium tropici* Martinez-Romero et al.

49672™

## Description

*Rhizobium tropici* strain CIAT 899 is a bacterial type strain that was isolated in 1978 from nodules on *Phaseolus vulgaris* in Colombia. This strain is propagated aerobically in Rhizobium X medium.

**Strain designation:** CIAT 899 [DSM 11418, UMR 1899]

**Deposited As:** *Rhizobium leguminosarum* Jordan

**Type strain:** Yes

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## 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.

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## 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



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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 submerged 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 submerged in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 111: Rhizobium X medium

**Temperature:** 30°C**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #111 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #111

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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 #111 plate and/or agar slant.
  4. Incubate at 30°C for 1-3 days.
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**Notes**

It is advisable to establish good growth in the primary tube before making subsequent transfers.

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**Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Rhizobium tropici* Martinez-Romero et al. (ATCC 49672)

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**References**

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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