



# Myxococcus xanthus Beebe

27922™

Product Sheet

## Description

**Strain designation:** RB1 [FBt, TAN-1]

**Deposited As:** *Myxococcus xanthus* Beebe

**Type strain:** No

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## Storage Conditions

**Product format:** Freeze-dried

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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 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.

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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 791: *Myxococcus xanthus* medium

**Temperature:** 30°C

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## Handling Procedures

1. From a single tube of #791 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 entire pellet.
2. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
3. Use several drops of the suspension to inoculate #791 agar slants and/or plates.
4. Incubate the broth tubes with gentle shaking and agar plates and/or slant at 30°C for 6 to 8 days.

## Notes

This organism grows very slowly and does not form very discrete colonies on plates. After 7 days, growth appears as diffuse yellow-orange spreading colonies. Broth tubes show abundant, granular growth.

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Myxococcus xanthus* Beebe (ATCC 27922)

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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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