



Gemmatirosa kalamazonensis **DeBruyn et al.**

BAA-2150™

Description

Strain designation: KBS708

Deposited As: Deposited as *Terrasalsus kalamazoo*

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 2734: VL55

ATCC Medium 2258: R2A medium

Temperature: 20-37°C

Atmosphere: Aerobic; Microaerophilic

Handling Procedures

1. Open vial according to enclosed instructions.
2. Incubate the broth tubes at 37°C with gentle shaking for 3 to 6 days. Incubate the slants at room temperature under microaerophilic conditions.
3. Using a single tube of VL55 or R2A 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.

4. Aseptically transfer this aliquot back into the broth tube. Mix well.
 5. Use several drops of the suspension to inoculate additional broths and slants.
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Notes

This organism can grow either aerobically or under microaerophilic conditions. The depositor state the best growth on agar is obtained under microaerophilic conditions. In broth, the best growth was obtained at 37C with gentle shaking. If this culture is incubated under static conditions, the cells appear as irregular shaped rods that occur singly or in pairs. If incubated in broth with shaking, the cells tend to form a mass which is light pink in color and settles to the bottom of the tube or flask. No motility was detected.

Additional information on this culture is available on the ATCC® web site at www.atcc.org

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Gemmatirosa kalamazonensis* DeBruyn et al. (ATCC BAA-2150)

References

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

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Revision

This information on this document was last updated on 2021-05-19

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