



***Alkalibacterium* sp.**

BAA-2622™

Product Sheet

Description

Alkalibacterium sp. strain TRTYP6 is an alkaliphilic bacterium that is slightly halophilic.

Strain designation: TRTYP6

Deposited As: *Alkalibacterium thalassium*

Type strain: No

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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 2862: Glucose Agar/Broth Medium

Temperature: 37°C

Atmosphere: Aerobic

Handling Procedures

1. Open thawed vial.
 2. Aseptically transfer the entire contents to a 5-6 mL tube of #2862 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 #2862 plate and/or #2862 agar slant.
 4. Incubate at 37°C for 2 days.
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Notes

Grows best in a biphasic culture.

Colonies on #2862 agar are small, circular, entire, smooth, and low convex. Cells rod-shaped, gram positive, singles, in pairs and chains.

The depositor states that this strain is rod shaped, Gram-positive, motile, mesophilic, slightly halophilic, and grows at high pH.

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: *Alkalibacterium* sp. (ATCC BAA-2622)

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 2025-10-01

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