



***Aneurinibacillus aneurinyticus* (Shida et al.) Shida et al.**

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Description

Formerly *Aneurinibacillus aneurinolyticus*. Produces thiaminase II. This organism is included in the bioMérieux VITEK® 2 - Bacillus (BAC) Card Quality Control Organism Set.

Strain designation: [CIP 104323, JCM 9023, LMG 12387, Vitek #202274]

Deposited As: *Bacillus thiaminolyticus* Kuno

Type strain: No

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 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.

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 3: Nutrient agar or nutrient broth

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Temperature: 26°C

Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions or visit www.atcc.org for

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instructions.

2. Rehydrate the entire pellet with approximately 0.5 mL of #3 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #3 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 #260 plate and/or #260 agar slant.
 4. Incubate at 26°C for 24 to 48 hours.
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Notes

Growth of this strain needs to be established in broth culture for 24 to 48 hours before it can be transferred to agar.

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: *Aneurinibacillus aneurinilyticus* (Shida et al.) Shida et al. (ATCC 11376)

References

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

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