Saccharopolyspora spinosa Mertz and Yao

49460™

Description

Saccharopolyspora spinosa strain A83543.1 is a whole-genome sequenced bacterial type strain that was isolated from the soil of a sugar-mill rum still in the Virgin Islands.

Strain designation: A83543.1 [NRRL 18395, DSM 44228, JCM 9375, NBRC 15153]
Deposited As: *Saccharopolyspora spinosa* Mertz and Yao
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 174: Bennett's medium
Temperature: 25-30°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial.
2. Rehydrate the entire pellet with approximately 0.5 mL of #174 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #174 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 #174 plate and/or #174 agar slant.
4. Incubate at 25-30°C for 7-14 days.

Notes

ATCC Medium #1877: ISP #1 and ATCC Medium #196: Yeast Malt Extract Medium ISP #2 can also be used for growth.
For maximum sporulation, 21-28 days of incubation are required.
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: *Saccharopolyspora spinosa* Mertz and Yao (ATCC 49460)

References

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

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Revision

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