



Product Sheet

Streptomyces lividans (ATCC® 19844™)

Please read this **FIRST**



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Streptomyces lividans* (ATCC® 19844™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: 3213 [CBS 686.72, IFO 13385, ISP 5434, RIA 1346]
Deposited Name: *Actinomyces lividans* Krasil'nikov et al.

Propagation

Medium

ATCC® Medium 196: Yeast malt extract agar

Growth Conditions

Temperature: 26.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #1877 broth (5 to 6 ml), withdraw approximately 0.6 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the entire pellet. Aseptically transfer this aliquot back into the broth tube. Mix well.
3. Use 0.5ml of this suspension to inoculate a #196 slant and 0.1ml to inoculate #196 plates.
- 4. Incubate tubes and plates at 26°C under aerobic conditions.**
- 5. Growth is evident in 3 to 5 days.**

Notes

Aerial mycelium appears gray to pale blue. Substrate mycelium appears dark blue or violet. Spore chains may take up to 14 days to develop and are *Spirales* and *Rectiflexibles*. A blue or violet diffusible pigment is produced.

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

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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product. The MTA is also available on our Web site at www.atcc.org

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