Designation: c2 [Thiobacillus X]
Deposited Name: Thiobacillus neapolitanus Parker

Medium
ATCC® Medium 290: S-6 medium for Thiobacilli

Growth Conditions
Temperature: 30°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #290 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #290 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 #290 plate and/or #290 agar slant.
4. Incubate at 30°C for 72 hours.

After approximately 72 hours of incubation growth should be evident by turbidity in the broth and by colonies on the surface of agar slants. On #290 agar colonies are pinpoint entire, convex, and white.

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

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

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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Halothiobacillus neapolitanus (ATCC® 23641™)

Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level
1

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: Halothiobacillus neapolitanus (ATCC® 23641™)