



Product Sheet

# *Thiobacter subterraneus* (ATCC® BAA-941™)

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: *Thiobacter subterraneus* (ATCC® BAA-941™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
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Fax: 703.365.2750  
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## Description

**Designation:** C55

**Deposited Name:** *Thiobacter subterraneus*

## Propagation

### Medium

ATCC® Medium 2672: Modified Wolfe's Mineral Medium

### Growth Conditions

**Temperature:** 45.0°C

### Propagation Procedure

1. Place the frozen vial at room temperature until it thaws.
2. Using a 22 ½ gauge needle and syringe remove the contents of the vial and transfer it into a single tube of #2672 (10.0 ml).
3. Remove 0.5ml with the same needle and syringe and transfer to a second broth tube.
4. Using several drops of the suspension inoculate a #2672 plate.
5. Using a new needle and syringe inject 2.0 ml of sterile air into the headspace of the balch tubes. Plates should be placed into an anaerobe jar with an active catalyst and a microaerophilic gas generator pack, or other acceptable method.
6. Incubate tubes and plate at 45°C, under microaerophilic conditions, for 24 to 48 hours. If you inoculate a slant incubate with caps loose.

## Notes

Colonies on #2672 agar are pinpoint, circular, entire, off-white, and glistening. Under phase contrast, cells are gram-negative motile rods.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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***Thiobacter subterraneus***  
**(ATCC® BAA-941™)**

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).  
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