



Product Sheet

# *Thiomicrospira thyasirae* (ATCC® 51452™)

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: *Thiomicrospira thyasirae* (ATCC® 51452™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** DSM 5322 [TG2]

**Deposited Name:** *Thiomicrospira thyasirae* (Wood and Kelly) Wood and Kelly

## Propagation

### Medium

ATCC® Medium 1891: Thiobacillus thyasiris medium

### Growth Conditions

**Temperature:** 30.0°C

### Propagation Procedure

1. Thaw frozen vial quickly in a 37°C water bath just prior to use.
2. Aseptically transfer the entire vial contents to a single test tube of #1891 broth (5 to 6 ml) using a Pasteur pipette.
3. Additional broth and slant tubes may be inoculated with 0.3 ml each from the initial broth tube. Agar plates may be inoculated using 0.1 ml of the initial broth per plate.
4. Incubate tubes and plates at 30°C.

## Notes

After approximately 3 days of incubation, growth is evident by turbidity in the broth and by colonies on the agar surfaces. Cells are thin Gram-negative rods. Colonies are small, circular, with a convex elevation and a fine erose margin. Colonies become opaque and are off-white in color.

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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