



Product Sheet

# *Ferrithrix thermotolerans* (ATCC® BAA-1645™)

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: *Ferrithrix thermotolerans* (ATCC® BAA-1645™)

American Type Culture Collection  
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Fax: 703.365.2750  
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Or contact your local distributor

## Description

Designation: Y005 [DSM 19514]

## Propagation

### Medium

ATCC® Medium 2700: Heterotrophic Basal salts Solution, 50X

### Growth Conditions

Temperature: 42°C

Atmosphere: Aerobic

### Propagation Procedure

1. Prepare the medium for inoculation by adding the appropriate components at the appropriate concentration. See media instructions.
3. Transfer the entire contents of the thawed vial into the primary tube. Transfer 0.5 ml of the primary tube to one or two secondary tubes. Inoculate non-selective aerobic plates.
4. Growth should be detected in the #2700 broth within 2 to 3 days. There should be no growth detected on the non-selective aerobic plates. Once growth has been detected, the culture can then be inoculated into 250 ml flasks containing 50 ml of completed medium.

## Notes

Cells are single and paired rods of varying length. No motility was detected.

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

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