



# *Thiothrix eikelboomii*

## Howarth et al.

49788™

### Description

**Strain designation:** AP3

**Deposited As:** Unidentified bacterium

**Type strain:** Yes

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### Storage Conditions

**Product format:** Frozen

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### Intended Use

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

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### BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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### Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### Growth Conditions

**Medium:**

ATCC Medium 1820: LTH medium for Thiothrix

**Temperature:** 20°C

### Handling Procedures

1. From a sterile stock supply of ATCC® #1820 broth, aseptically transfer 10 ml to a sterile 125 ml flask.
  2. Thaw the frozen vial at room temperature.
  3. Aseptically transfer the entire contents of the vial into the 125 ml flask.
  4. Incubate flask at 20°C for 4-6 days.
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## Notes

Cells are rods and form multicellular white filaments. Cell variability is observed throughout the filaments. Cells tend to form tightly woven mats in broth. Growth on solid medium is difficult at best and can take 3 to 4 weeks. Colonies are white and rhizoid in appearance.

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Thiothrix eikelboomii* Howarth et al. (ATCC 49788)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Fax number: 703-365-2701

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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