

ATCC medium: 1820 LTH medium for *Thiothrix*

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| Sodium lactate..... | 1.0 g |
| Na ₂ S ₂ O ₃ . 5H ₂ O | 0.5 g |
| HEPES..... | 2.38 g |
| (NH ₄) ₂ SO ₄ | 0.5 g |
| MgSO ₄ . 7H ₂ O | 0.1 g |
| CaCl ₂ . 2H ₂ O | 0.05 g |
| K ₂ HPO ₄ | 0.11 g |
| KH ₂ PO ₄ | 85.0 mg |
| FeCl ₃ . 6H ₂ O | 2.0 mg |
| EDTA..... | 3.0 mg |
| Wolfe's Vitamin Solution (see below) filter-sterilized.... | 10.0 ml |
| Distilled water..... | 990.0 ml |

Adjust medium, minus vitamins, to pH 7.3 with NaOH. Autoclave at 121C for 15 minutes. Cool to room temperature and add vitamin solution.

Wolfe's Vitamin Solution:

Available from ATCC as a sterile ready-to-use liquid (Vitamin Supplement, catalog no. MD-VS).

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| Biotin..... | 2.0 mg |
| Folic acid..... | 2.0 mg |
| Pyridoxine hydrochloride.... | 10.0 mg |
| Thiamine . HCl..... | 5.0 mg |
| Riboflavin..... | 5.0 mg |
| Nicotinic acid..... | 5.0 mg |
| Calcium D-(+)-pantothenate... | 5.0 mg |
| Vitamin B12..... | 0.1 mg |
| p-Aminobenzoic acid..... | 5.0 mg |
| Thioctic acid..... | 5.0 mg |
| Distilled water..... | 1.0 L |