

## 1008: SEDIMINISPIROCHAETA MEDIUM

|                                     |        |    |
|-------------------------------------|--------|----|
| Trypticase peptone (BD BBL)         | 2.00   | g  |
| Yeast extract                       | 1.00   | g  |
| Sodium resazurin (0.1% w/v)         | 0.50   | ml |
| Na-thioglycolate                    | 1.00   | g  |
| Cellobiose                          | 2.00   | g  |
| Charcoal-filtered, natural seawater | 800.00 | ml |
| Distilled water                     | 200.00 | ml |

1. Dissolve ingredients except thioglycolate and cellobiose, then sparge medium with 100% N<sub>2</sub> gas for 30 - 45 min to make it anoxic. Add thioglycolate and adjust pH of medium to 7.5 with 10 N KOH. Dispense medium under 100% N<sub>2</sub> gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave at 121°C for 15 min. Add cellobiose from a sterile anoxic stock solution prepared under 100% N<sub>2</sub> gas atmosphere and sterilized by filtration.

2. Note: Bottled seawater from Biomaris GmbH can be used instead of filtered seawater.

For [DSM 16308](#), [DSM 19205](#), [DSM 19230](#): Replace cellobiose with 5.0 g/l D-glucose.

For [DSM 100344](#): Replace cellobiose with 5.0 g/l D-xylose.