

**ATCC medium: 2465 *Desulfovibrio gracilis* medium**

This medium is ATCC Medium 1249 (Modified Baar's Medium for Sulfate Reducers) with 50 grams of NaCl added to Component II.

*Component I:*

MgSO<sub>4</sub> .....2.0 g  
Sodium citrate.....5.0 g  
CaSO<sub>4</sub> . 2H<sub>2</sub>O .....1.0 g  
NH<sub>4</sub>Cl .....1.0 g  
Distilled deionized water.....400.0 ml

*Component II:*

K<sub>2</sub>HPO<sub>4</sub>.....0.5 g  
NaCl.....50.0 g  
Distilled deionized water.....200.0 ml

*Component III:*

Sodium lactate 60% syrup.....3.5 g  
Yeast extract.....1.0 g  
Distilled deionized water.....400.0 ml

Adjust the pH of each component to pH 7.5 and autoclave. Mix the three components aseptically and tube under 97% N<sub>2</sub>, 3% H<sub>2</sub> while warm to exclude as much oxygen as possible.

*Component IV:*

Filter-sterilize 5% Ferrous Ammonium Sulfate, Fe(NH<sub>4</sub>)<sub>2</sub>(SO<sub>4</sub>)<sub>2</sub>, and add 0.1 ml to 5.0 ml of medium prior to inoculation.