

COLECCIÓN ESPAÑOLA DE CULTIVOS TIPO (CECT)



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MODIFIED BAAR'S MEDIUM FOR SULFATE REDUCERS. CECT 36

Component I:

- MgSO_4 2.0 g
- Sodium citrate 5.0 g
- CaSO_4 1.0 g
- NH_4Cl 1.0 g
- Distilled water 400 ml

Component II:

- K_2HPO_4 0.5 g
- Distilled water 200 ml

Component III:

- Sodium lactate 3.5 g
- Yeast extract 1.0 g
- Agar powder (only for solid medium) 15.0 g
- Distilled water 400 ml

Each component is adjusted to pH 7.5 and autoclaved separately. The three components are mixed aseptically and tubed. Tube while warm to exclude as much oxygen as possible.

Sterilize by filtration a 5% solution of ferrous ammonium sulfate, $\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2$, and add 0.1 ml per 5 ml of medium prior to inoculation.