

Zobell Agar/Broth Medium

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Abstract

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Guidelines

Tryptone 5 g

Yeast Extract 1 g

Seawater 1 L

Dry Ice 10-12 g

For bottom agar plates, add 15 g agar.

For top agar, add 4 g agar (or 4 g LMP agar)

-Heat to dissolve agar.

-Autoclave.

-Cool in water bath to 41°C for top agar or to 50°C to pour bottom agar plates.

*Rohwer et al (2000) Limnol. Oceanogr. 45: 408-418 used 0.01g FeC₆H₅O₇ (iron citrate) per liter of 80% 0.45 µm filtered seawater and called it ZoBell 2216E medium.

Protocol