

Pseudoalteromonas Media Recipes

Matthew Sullivan

Abstract

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Guidelines

Zobell plates, 100% nutrient (1 L)

26 g sea salts

1 g yeast extract

5 g proteose peptone no. 2

fill to 1 L qH₂O

12 g agar

Grow P.a. in PZM (=50% nutrient)

Zobell plates, 20% nutrient (1 L)

26 g sea salts

0.2 g yeast extract

1 g proteose peptone no. 2

fill to 1 L qH₂O

12 g agar

Autoclave 1 L for 50 min., pour 10 ml/plate

Zobell liquid, (1 L)

26 g sea salts

1 g yeast extract

5 g proteose peptone no. 2

fill to 1 L qH₂O

Top Zobell agar (; 1 L)

26 g sea salts

1 g yeast extract

5 g proteose peptone no. 2

fill to 1 L qH₂O

6 g agar

MSM (1 L)

100 mM NaCl (5.8 g)

81.2 mM MgSO₄·7H₂O (20 g)

50 mM Tris base (3.02 g) OR 50 mL 1 M Tris (pH 7.6)
fill to 1 L qH₂O
adjust to pH 7-8 if necessary

Artificial seawater, 26 psu (ASW; 1 L)

26 g sea salts
fill to 1 L qH₂O

Protocol