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## Cellulophaga Media Recipes

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**Protocol status:** Working



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## Guidelines

### **Zobell plates (1 L)**

15 g sea salts  
1 g yeast extract  
5 g peptone  
fill to 1 L qH<sub>2</sub>O  
14 g agar

### **MLB (1 L)**

15 g sea salts  
0.5 g yeast extract  
0.5 g peptone  
0.5 g casamino acids  
3 ml glycerol  
fill to 1 L qH<sub>2</sub>O

### **MSM (1 L)**

450 mM NaCl (13.4 g)  
50 mM MgSO<sub>4</sub>·7H<sub>2</sub>O (6.16 g)  
50 mM Tris base (3.02 g) OR 50 mL 1 M Tris (pH 7.6)  
fill to 1 L qH<sub>2</sub>O  
adjust to pH 7–8 if necessary

### **Top MSM (top agar; 1 L)**

450 mM NaCl (13.4 g)  
50 mM MgSO<sub>4</sub>·7H<sub>2</sub>O (6.16 g)  
50 mM Tris base (3.02 g) OR 50 mL 1 M Tris (pH 7.6)  
fill to 1 L qH<sub>2</sub>O  
adjust to pH 7–8 if necessary  
6 g low melting point (LMP) agarose

## Troubleshooting

