

Volvox-Dextrose Medium Recipe

Directions

For 1 L Total

1. Prepare 1 L of Volvox Medium, except add 10 g of glucose after all other stock solutions have been added.

2. Bring the total volume to 1 L with dH₂O.

*For 1.5% agar medium add 15 g of agar into the flask; do not mix.

3. Cover and autoclave medium.

4. When cooled add vitamins.

*For agar medium add vitamins, mix, and dispense before agar solidifies.

#	Component	Amount	Stock Solution Concentration	Final Concentration
1	Volvox Medium	1 L		
2	Glucose (BACTO-dextrose or Sigma D 9634)	10 g/L		0.06 M
3	Vitamin B ₁₂	1 mL/L		
4	Biotin Vitamin Solution	1 mL/L		