

BG-11 + 1% NaCl Medium Recipe

Directions

For 1 L Total

Liquid media:

1. Prepare BG11-1Medium through step one.
2. Add NaCl then bring total volume to 1 L with dH₂O.
3. Cover and autoclave medium.
4. Store at refrigerator temperature.

Agar media:

1. Prepare BG11-1Medium through step one.
2. Add NaCl then bring total volume to 500 mL with dH₂O.
3. In a separate container add 15 g of agar to 500 mL of dH₂O.
4. Cover and autoclave both solutions.
5. In a water bath allow both solutions to cool to 45-50 °C..
6. Add sterile Sodium Thiosulfate to agar solution and mix well.
7. Combine both agar and liquid solutions, mix well. Note the agar can solidify quickly.
8. Allow to cool then store at refrigerator temperature.

#	Component	Amount	Stock Solution Concentration	Final Concentration
1	BG-11 Medium	1 L		
2	NaCl (Fisher S271-500)	10 g/L		0.17 M