

NGMLKA

1 L

- Begin with approximately 800 ml of DI H₂O
- Weigh out and add ingredients with constant stirring:
 - Bactopectone 2.5g
 - NaCl 3g
 - Agarose 7g
 - Agar 10g
 - Bring up to 975 ml with DI H₂O

- Autoclave on 15 minute cycle
- Allow to cool in 55°C water bath for one hour
- Add:
 - 1 M CaCl₂ (dihydrate; FW 147.02) 1ml
 - 1 M MgSO₄ (heptahydrate; FW 246.47) 1ml
 - 1 M KPO₄ 25ml
 - 5 mg/ml cholesterol in 95-100% ethanol 1ml

Preparing of 1 M KPO₄:

- KH₂PO₄ 136.1g
- KOH 17.99g
- Bring up to 950ml with DI H₂O
- Sterilize of filter with 0.22 micron filter