

Recipe for Pichia Growth Media: BMMY or BMGY

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A) 500ml autoclave bottle: final vol. 500ml BMGY or BMMY

- step 1. Dissolve 5g yeast extract, 10g peptone in 350ml dH₂O in 500ml bottle.
- step 2. Autoclave 20min. and allow to cool to RT.
- step 3. Add: 50 ml 1M potassium phosphate buffer pH 6.0
 50 ml 10X YNB stock
 1ml 500X B
- Step 4. For BMGY media, add 50ml 10X G (glycerol)
- OR*
- For BMMY media, add 50ml 10X M (methanol)

Final Volume: 500ml media

B) 1000ml autoclave bottle: final vol. 700ml BMGY or BMMY

- step 1. Dissolve 7g yeast extract, 14g peptone in 490ml dH₂O in 1000ml bottle.
- step 2. Autoclave 20min. and allow to cool to RT.
- step 3. Add: 70 ml 1M potassium phosphate buffer pH 6.0
 70 ml 10X YNB stock
 1.4ml 500X B
- Step 4. For BMGY media, add 70ml 10X G (glycerol)
- OR*
- For BMMY media, add 70ml 10X M (methanol)

Final Volume: 700ml media