



FREEZING MEDIUM

COMBINE:

1. LB Broth (premix) 25 g
2. 10x Salt Solution* (@4°C) 100 mL
3. 50% Glycerol 88 mL
4. Transfer to 1L graduated cylinder, bring volume to precisely 1L.
5. Autoclave and allow to cool.
- 6..Add 0.4 mL 1M MgSO₄
7. Store at 4°C. Add appropriate antibiotics before use.

	Stock	Final Conc	Per Liter
Ampicillin	100 mg/ml	50ug/ml	500 ul
Kanamycin	50 mg/ml	50ug/ml	1000 ul
Chloramphenicol (plasmid)	50 mg/ml	20 ug/ml	400 ul
Chloramphenicol (BAC)	50 mg/ml	12.5 ug/ml	250 ul

***10X Salt Solution:**

COMBINE in 1 liter of water:

1. KH₂PO₄ 18g
2. K₂HPO₄ 67.2g
3. Sodium citrate 5g
4. (NH₄)₂SO₄ 9g
5. Mix well and filter sterilize.
6. Store at 4 degrees.