

Plasmid Preps

Solution I (Plasmid Prep)	Glucose Buffer	
	100mL	500mL
0.05M glucose (m.w. 180.16)	0.9g	4.504g
0.025M Tris (pH 8.0)	1.25mL	6.25mL of (2M stock) 0.01M EDTA
	2 mL	10mL of (0.5M stock)

pH 8.0 (should be) adjust if not

SOLUTION II (MAKE FRESH) (PLASMID PREP)

1% SDS 5mL of 20% SDS stock

0.2N NaOH 5mL of 4N NaOH stock

make up to 100mL with dH₂O

Note: put some water in container first as NaOH + SDS will ppt!

SOLUTION III (PLASMID PREP)

	1000mL	500mL	250mL
3.0M KoAC	294g	147g	73.5g
2.0M HoAC	115mL	57.5mL	28.75mL
Make up to required volume with dH ₂ O			

pH 4.8

Keep at -20 C to deter bugs from growing in it!

PEG IN NaCl

- 13% PEG 8000 13 g
- 1.6 M NaCl 40 mL 4 M NaCl

Make up to 100 ml with d H₂O