

RECIPES

1. Peptone water

10g peptone
5g NaCl
3.5g Disodium phosphate
1.5g potassium phosphate monobasic
Fill to 1L with DI water and adjust the pH to 7.2
Autoclave for 40 mins, store at RT.

2. 0.5M EDTA

18.612g EDTA disodium salt dihydrate
80mL distilled water
Add DI water to 100mL, adjust pH to 8
Autoclave for 40 mins, store at RT.

3. 50mM (0.05M) EDTA

10mL 0.5M EDTA
90mL DI water
Adjust pH to 8.
Autoclave for 40 mins, store at RT.

4. 10mg/mL Proteinase K

1g proteinase K
100 mL sterile water
Store at -20°C

5. Tris-EDTA

1mL of 1M Tris-Cl
0.2mL 0.5M EDTA
98.8mL DI water
Autoclave for 40 mins, store at RT.

6. 6M NaCl

350.64g NaCl
Adjust volume to 1L with DI water.
Autoclave for 40 mins, store at RT.

7. Cell Lysis Buffer

25mL 1M Tris-HCl pH 8
50mL 500mM EDTA
10mL 5M NaCl
25mL 20% SDS
Adjust volume to 500mL with sterile distilled water
Autoclave for 40 mins, store at RT.

8. Complete RPMI Growth Medium - 50ml

RPMI- 43ml

FBS (Fetal Bovine Serum)- 2ml

CS (Chicken Serum)- 1 ml

Pencillin/Streptomycin (10,000units/10mg)- 1ml

Note: To make incomplete, DO NOT ADD FBS, CS, P/S. Follow the directions on the package.
Different suppliers have different instructions.

9. Wash/running buffer

Dissolve 5g of BSA in 950 mL of PBS while stirring

Add 4 mL of 0.5M EDTA

Adjust pH to 7.4

Seal with a paraffin and store at 4°C

Be sure to use autoclaved glassware!