

## Appendix II

0.5M EDTA (pH 8.0)	Disodium ethylene diamine tetra acetate. 2H <sub>2</sub> O Water pH sterilezation	186.1gfor 1lit 1000ml 8.0 Autoclaving
Ethidium Bromide (10mg/ml)	Ehtidium bromide Water	1g 100ml
5M Potassium acetate	Potassium acetate Water Sterilization	38.5g 1000 Autoclaving
3M Sodium acetate	Sodium acetate Water pH (with glacial acetic acid)	408.1g 1000ml 5.2
5M Sodium chloride	NaCl Water Sterilization	292.2g 1000ml Autoclaving
10% sodium luryl sulphate (SLS)	SLS Water pH ( with Conc. HCl)	10g 100 7.2
20X SSC	NaCl Trisodium citrate (Na <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> . 2H <sub>2</sub> O) Water pH (with 10N NaOH) Sterilization	175.3g 88.2g 1000ml 7.0-7.2 Autoclaving
1M Tris	Tris base Water pH (with HCl)	121.1g 1000ml 8.0
Extraction buffer (for 1000)	100mM Tris HCl (8.0) 50mMEDTA (pH8.0) 500mM NaCl 100mM mercaptoethanol water	100ml of 1M Tris HCl 100ml of 0.5M EDTA 125ml of 4M NaCl 700µl mercaptoethanol 675ml
GET solution	50mM glucose 25mM Tris HCl 10mM EDTA water	0.9g glucose 2.5ml 2ml 100ml
Slo II	0.2N NaOH 1% SLS water	2ml of 10N NaOH 5ml of 20% SLS 100ml
Sol III	Potassium Acetate 5M	24.5g/50ml
10 X TAE	Tris base Glacial Acetic acid 0.5 M EDTA water	48.4g 11.42 ml 20 ml 1000ml