

المحلول المنظم Buffers	المواد المكونه	التركيز	الوزن (جم)	الحجم (مل)
ALS-I	Glucose	0.05 M	0.9 gm	-
	TrisHCl (M.W.=121.14 g/mol )	1 M	.....	2.5 ml
	EDTA (M.W.= 374.24g/mol)	0.5 M	.....	2 ml
	Add to 100 ml using DDW			
ALS-II	NaOH (M.W= 39.99711 g/mol)	0.2 M	0.8 gm	-
	SDS (M.W= 288.372 g/mol)	1%	.....	
	Add to 100 ml using DDW			
ALS-III	Potassium acetate (M.W= 98.14232 g/mol.)	3 M	29.5 gm	-
	Glacial acetic acid	11.5%	.....	11.5 ml
	Add to 100 ml using DDW			
TER	TrisHCl (M.W= 121.14 g/mol)	1 M	.....	10 ul
	EDTA (M.W= 374.24g/mol)	0.5 M	.....	2 ul
	RNase A (M.W= )	0.2ml	.....	2 ul
	To 1 ml using DDW			
CTAB Buffer	CTAB (M.W= 364.46 g/mol)		2 gm	-
	Tris (M.W= 121.14 g/mol)	1 M	.....	10 ml
	EDTA (M.W= 374.24g/mol)	0.5 M	.....	4 ml
	NaCl (M.W= 58.44277 g/mol)	5 M	.....	28 ml
	PVP	-	1 gm	-
	HCl	pH=5	-	-
	Make up to 100 ml using DDW			
TBE Buffer 5X	Tris Base (M.W= 121.14 g/mol)		54 gm	-
	Boric acid (M.W= 61.83302 g/mol)		27.5 gm	-
	EDTA (M.W= 374.24g/mol)	0.5 M	.....	20 ml
	Make up to 1 L DDW			
Agarose gel	Agarose	-	1 gm	
	TBE	1X	-	100 ml