

MINIGEL RECIPE FOR 2 GELS (1 GEL)

	<u>Running gel</u>		<u>Stacking gel</u>
	11%	14%	
Acrylamide/Bis 44:0.8 (Do not substitute ProtoGel acrylamide for this)	2.16	(1.08)	2.75
Acrylamide/Bis 30:0.8	-	-	0.5 (0.25)
0.5M Tris (pH 6.8)	-	-	1.28 (0.64)
10% SDS	0.16 (0.080)	0.16	0.05 (0.025)
5M NaCl	0.13 (0.065)	0.13	-
200mM EDTA	0.06 (0.03)	0.06	-
10% APS (Ammonium Persulphate) (can be made up (.05g in 500ul), aliquoted and stored frozen)	0.02 (0.01)	0.02	0.012 (0.006)
TMED	0.01 (0.005)	0.01	0.01 (0.005)
H ₂ O	3.45 (1.73)	2.86	3.08 (1.54)

SOLUBILIZATION MIXTURE 2% SDS

0.5M Tns-HCl pH 6.8	2.5 ml
10% SDS	4 ml
Glycerol	2 ml
H ₂ O	0.7 ml
0.5M EDTA pH 6.8	0.8 ml
Bromophenol blue	small amount

2x (4% SDS): dilute 1x with sample +/- Mercaptoethanol