



JBScreen Basic 1

Cat.-No.: CS-121

SCREEN FORMULATION



No.	Precipitant 1	Precipitant 2	Buffer	Additive
A1	25 % v/v Ethylene glycol	none	none	none
A2	12 % v/v Glycerol	1.5 M Ammonium sulfate	100 mM TRIS; pH 8.5	none
A3	1 M 1,6-Hexanediol	none	100 mM Sodium acetate; pH 4.6	10 mM Cobalt (II) chloride
A4	2.5 M 1,6-Hexanediol	none	100 mM tri-Sodium citrate; pH 5.6	none
A5	3.4 M 1,6-Hexanediol	none	100 mM TRIS; pH 8.5	200 mM Magnesium chloride
A6	30 % v/v 2-Methyl-2,4-pentanediol	none	100 mM Sodium acetate; pH 4.6	200 mM Sodium chloride
B1	30 % v/v 2-Methyl-2,4-pentanediol	none	100 mM tri-Sodium citrate; pH 5.6	200 mM Ammonium acetate
B2	30 % v/v 2-Methyl-2,4-pentanediol	none	100 mM Sodium acetate; pH 4.6	20 mM Calcium chloride
B3	30 % v/v 2-Methyl-2,4-pentanediol	500 mM Ammonium sulfate	100 mM HEPES; pH 7.5	none
B4	30 % v/v 2-Methyl-2,4-pentanediol	none	100 mM HEPES; pH 7.5	200 mM tri-Sodium citrate
B5	50 % v/v 2-Methyl-2,4-pentanediol	none	100 mM TRIS; pH 8.5	200 mM Ammonium di-hydrogen phosphate
B6	70 % v/v 2-Methyl-2,4-pentanediol	none	100 mM HEPES; pH 7.5	none
C1	2 % w/v Ethylene imine polymer	none	100 mM tri-Sodium citrate; pH 5.6	500 mM Sodium chloride
C2	2 % v/v Polyethylene glycol 400	2 M Ammonium sulfate	100 mM HEPES; pH 7.5	none
C3	28 % v/v Polyethylene glycol 400	none	100 mM HEPES; pH 7.5	200 mM Calcium chloride
C4	30 % v/v Polyethylene glycol 400	none	100 mM TRIS; pH 8.5	200 mM tri-Sodium citrate
C5	30 % v/v Polyethylene glycol 400	none	100 mM HEPES; pH 7.5	200 mM Magnesium chloride
C6	30 % v/v Polyethylene glycol 400	none	100 mM Sodium acetate; pH 4.6	100 mM Calcium chloride
D1	20 % v/v Polyethylene glycol monomethyl ether 550	none	100 mM BICINE; pH 9.5	100 mM Sodium chloride
D2	25 % v/v Polyethylene glycol monomethyl ether 550	none	100 mM MES; pH 6.5	10 mM Zinc sulfate
D3	10 % w/v Polyethylene glycol 1,000	10 % w/v Polyethylene glycol 8,000	none	none
D4	30 % w/v Polyethylene glycol 1,500	none	none	none
D5	20 % w/v Polyethylene glycol monomethyl ether 2,000	none	100 mM TRIS; pH 8.5	10 mM Nickel (II) chloride
D6	30 % w/v Polyethylene glycol monomethyl ether 2,000	none	100 mM Sodium acetate; pH 4.6	200 mM Ammonium sulfate

*pH values indicated are those of the 1.0 M buffer stock solution prior to dilution with other components

