JBScreen JCSG++ 4

Cat.-No.: CS-154

SCREEN FORMULATION

Jena Bioscience

No.	Precipitant	Buffer	Additive
G1	30 % w/v Jeffamine® ED-2001; pH 7.0	100 mM HEPES; pH 7.0	none
G2	22 % w/v Poly(acrylic acid sodium salt) 5,100	100 mM HEPES; pH 7.5	20 mM Magnesium chloride
G3	20 % w/v Polyvinylpyrrolidone K15	100 mM TRIS; pH 8.5	100 mM Cobalt (II) chloride
G4	20 % w/v Polyethylene glycol monomethyl ether 2,000	100 mM TRIS; pH 8.5	200 mM Trimethylamine N-oxide
G5	12 % w/v Polyethylene glycol 3,350	100 mM HEPES; pH 7.5	5 mM Cobalt (II) chloride, 5 mM Cadmium chloride, 5 mM Nickel (II) chloride, 5 mM Magnesium chloride
G6	20 % w/v Polyethylene glycol 3,350	none	200 mM di-Sodium malonate; pH 7.0
G7	15 % w/v Polyethylene glycol 3,350	none	100 mM di-Sodium succinate; pH 7.0
G8	20 % w/v Polyethylene glycol 3,350	none	150 mM di-Sodium DL-malate; pH 7.0
G9	30 % w/v Polyethylene glycol monomethyl ether 2,000	none	100 mM Potassium thiocyanate
G10	30 % w/v Polyethylene glycol monomethyl ether 2,000	none	150 mM Potassium bromide
G11	none	100 mM BIS-TRIS; pH 5.5	2 M Ammonium sulfate
G12	none	100 mM BIS-TRIS; pH 5.5	3 M Sodium chloride
H1	none	100 mM BIS-TRIS; pH 5.5	300 mM Magnesium formate
H2	1 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	1 M Ammonium sulfate
H3	25 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	none
H4	45 % v/v 2-Methyl-2,4-pentanediol	100 mM BIS-TRIS; pH 5.5	200 mM Calcium chloride
H5	45 % v/v 2-Methyl-2,4-pentanediol	100 mM BIS-TRIS; pH 5.5	200 mM Ammonium acetate
H6	17 % w/v Polyethylene glycol 10,000	100 mM BIS-TRIS; pH 5.5	100 mM Ammonium acetate
H7	25 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	200 mM Ammonium sulfate
H8	25 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	200 mM Sodium chloride
H9	25 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	200 mM Lithium sulfate
H10	25 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	200 mM Ammonium acetate
H11	25 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	200 mM Magnesium chloride

H12	45 % v/v 2-Methyl-2,4-pentanediol	100 mM HEPES; pH 7.5	200 mM Ammonium acetate

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