



Pi-minimal Screen HTS

Cat.-No.: CS-211L

SCREEN FORMULATION



No.	Precipitant	Buffer	Additive
A1	600 mM Sodium Potassium phosphate; pH 4.0	150 mM Sodium formate; pH 4.0	160 mM Potassium bromide
A2	24 % v/v Polyethylene glycol monomethyl ether 550	150 mM Sodium acetate; pH 4.5	8 % v/v Polyethylene glycol 300
A3	2 M Ammonium nitrate	150 mM di-Sodium DL-malate; pH 5.0	160 mM Magnesium sulfate
A4	10 % w/v Polyethylene glycol 20,000	150 mM tri-Sodium citrate; pH 5.5	32 mM Sodium fluoride
A5	30 % w/v Polyethylene glycol 1,000	150 mM MES; pH 6.0	80 mM Potassium thiocyanate
A6	1.6 M Sodium chloride	150 mM MES; pH 6.5	160 mM Sodium iodide
A7	24 % w/v Polyethylene glycol 4,000	150 mM MOPS; pH 7.0	8 % v/v 1,2-Propanediol
A8	800 mM Lithium sulfate	150 mM HEPES; pH 7.5	none
A9	20 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM TRIS; pH 8.0	8 % v/v Ethylene glycol
A10	36 % w/v Glycerol	150 mM TAPS; pH 8.5	80 mM Potassium Sodium tartrate
A11	1.4 M Ammonium sulfate	150 mM AMPD - TRIS buffer; pH 9.0	8 % v/v 2-Methyl-2,4-pentanediol
A12	20 % w/v Polyethylene glycol 8,000	150 mM CAPSO; pH 9.5	8 % v/v 2-Butanol
B1	2.29 M Ammonium nitrate	150 mM Sodium formate; pH 4.0	70 mM Calcium chloride
B2	11.4 % w/v Polyethylene glycol 20,000	150 mM Sodium acetate; pH 4.5	7 % v/v Ethylene glycol
B3	34.3 % w/v Polyethylene glycol 1,000	150 mM di-Sodium DL-malate; pH 5.0	70 mM Potassium Sodium tartrate
B4	1.83 M Sodium chloride	150 mM tri-Sodium citrate; pH 5.5	7 % v/v 2-Methyl-2,4-pentanediol
B5	27.4 % w/v Polyethylene glycol 4,000	150 mM MES; pH 6.0	7 % v/v 2-Butanol
B6	910 mM Lithium sulfate	150 mM MES; pH 6.5	140 mM Potassium bromide
B7	22.9 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM MOPS; pH 7.0	7 % v/v Polyethylene glycol 300
B8	41.1 % w/v Glycerol	150 mM HEPES; pH 7.5	140 mM Magnesium sulfate
B9	1.6 M Ammonium sulfate	150 mM TRIS; pH 8.0	28 mM Sodium fluoride
B10	22.9 % w/v Polyethylene glycol 8,000	150 mM TAPS; pH 8.5	70 mM Potassium thiocyanate
B11	690 mM Sodium Potassium phosphate; pH 9.0	150 mM AMPD - TRIS buffer; pH 9.0	140 mM Sodium iodide
B12	28 % v/v Polyethylene glycol monomethyl ether 550	150 mM CAPSO; pH 9.5	7 % v/v 1,2-Propanediol

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No.	Precipitant	Buffer	Additive
C1	38.6 % w/v Polyethylene glycol 1,000	150 mM Sodium formate; pH 4.0	120 mM Magnesium sulfate
C2	2.06 M Sodium chloride	150 mM Sodium acetate; pH 4.5	24 mM Sodium fluoride
C3	30.9 % w/v Polyethylene glycol 4,000	150 mM di-Sodium DL-malate; pH 5.0	60 mM Potassium thiocyanate
C4	1.03 M Lithium sulfate	150 mM tri-Sodium citrate; pH 5.5	120 mM Sodium iodide
C5	25.7 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM MES; pH 6.0	6 % v/v 1,2-Propanediol
C6	46.3 % w/v Glycerol	150 mM MES; pH 6.5	60 mM Calcium chloride
C7	1.8 M Ammonium sulfate	150 mM MOPS; pH 7.0	6 % v/v Ethylene glycol
C8	25.7 % w/v Polyethylene glycol 8,000	150 mM HEPES; pH 7.5	60 mM Potassium Sodium tartrate
C9	770 mM Sodium Potassium phosphate; pH 8.0	150 mM TRIS; pH 8.0	6 % v/v 2-Methyl-2,4-pentanediol
C10	31 % v/v Polyethylene glycol monomethyl ether 550	150 mM TAPS; pH 8.5	6 % v/v 2-Butanol
C11	2.57 M Ammonium nitrate	150 mM AMPD - TRIS buffer; pH 9.0	120 mM Potassium bromide
C12	12.9 % w/v Polyethylene glycol 20,000	150 mM CAPSO; pH 9.5	6 % v/v Polyethylene glycol 300
D1	34.3 % w/v Polyethylene glycol 4,000	150 mM Sodium formate; pH 4.0	none
D2	1.14 M Lithium sulfate	150 mM Sodium acetate; pH 4.5	5 % v/v 2-Methyl-2,4-pentanediol
D3	28.6 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM di-Sodium DL-malate; pH 5.0	5 % v/v 2-Butanol
D4	51.4 % w/v Glycerol	150 mM tri-Sodium citrate; pH 5.5	100 mM Potassium bromide
D5	2 M Ammonium sulfate	150 mM MES; pH 6.0	5 % v/v Polyethylene glycol 300
D6	28.6 % w/v Polyethylene glycol 8,000	150 mM MES; pH 6.5	100 mM Magnesium sulfate
D7	860 mM Sodium Potassium phosphate; pH 7.0	150 mM MOPS; pH 7.0	20 mM Sodium fluoride
D8	34 % v/v Polyethylene glycol monomethyl ether 550	150 mM HEPES; pH 7.5	50 mM Potassium thiocyanate
D9	2.86 M Ammonium nitrate	150 mM TRIS; pH 8.0	100 mM Sodium iodide
D10	14.3 % w/v Polyethylene glycol 20,000	150 mM TAPS; pH 8.5	5 % v/v 1,2-Propanediol
D11	42.9 % w/v Polyethylene glycol 1,000	none	50 mM Calcium chloride
D12	2.29 M Sodium chloride	150 mM CAPSO; pH 9.5	5 % v/v Ethylene glycol

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No.	Precipitant	Buffer	Additive
E1	31.4 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM Sodium formate; pH 4.0	40 mM Potassium thiocyanate
E2	56.6 % w/v Glycerol	150 mM Sodium acetate; pH 4.5	80 mM Sodium iodide
E3	2.2 M Ammonium sulfate	150 mM di-Sodium DL-malate; pH 5.0	4 % v/v 1,2-Propanediol
E4	31.4 % w/v Polyethylene glycol 8,000	150 mM tri-Sodium citrate; pH 5.5	none
E5	940 mM Sodium Potassium phosphate; pH 6.0	150 mM MES; pH 6.0	4 % v/v Ethylene glycol
E6	37.7 % v/v Polyethylene glycol monomethyl ether 550	150 mM MES; pH 6.5	40 mM Potassium Sodium tartrate
E7	3.14 M Ammonium nitrate	150 mM MOPS; pH 7.0	4 % v/v 2-Methyl-2,4-pentanediol
E8	15.7 % w/v Polyethylene glycol 20,000	150 mM HEPES; pH 7.5	4 % v/v 2-Butanol
E9	47.1 % w/v Polyethylene glycol 1,000	150 mM TRIS; pH 8.0	80 mM Potassium bromide
E10	2.51 M Sodium chloride	150 mM TAPS; pH 8.5	4 % v/v Polyethylene glycol 300
E11	37.7 % w/v Polyethylene glycol 4,000	150 mM AMPD - TRIS buffer; pH 9.0	80 mM Magnesium sulfate
E12	1.26 M Lithium sulfate	150 mM CAPSO; pH 9.5	none
F1	2.4 M Ammonium sulfate	150 mM Sodium formate; pH 4.0	3 % v/v 2-Butanol
F2	34.3 % w/v Polyethylene glycol 8,000	150 mM Sodium acetate; pH 4.5	60 mM Potassium bromide
F3	1.03 M Sodium Potassium phosphate; pH 5.0	150 mM di-Sodium DL-malate; pH 5.0	3 % v/v Polyethylene glycol 300
F4	42 % v/v Polyethylene glycol monomethyl ether 550	none	60 mM Magnesium sulfate
F5	3.43 M Ammonium nitrate	150 mM MES; pH 6.0	12 mM Sodium fluoride
F6	17.1 % w/v Polyethylene glycol 20,000	150 mM MES; pH 6.5	30 mM Potassium thiocyanate
F7	51.4 % w/v Polyethylene glycol 1,000	150 mM MOPS; pH 7.0	60 mM Sodium iodide
F8	2.74 M Sodium chloride	150 mM HEPES; pH 7.5	3 % v/v 1,2-Propanediol
F9	41.1 % w/v Polyethylene glycol 4,000	150 mM TRIS; pH 8.0	30 mM Calcium chloride
F10	1.37 M Lithium sulfate	150 mM TAPS; pH 8.5	3 % v/v Ethylene glycol
F11	34.3 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM AMPD - TRIS buffer; pH 9.0	30 mM Potassium Sodium tartrate
F12	61.7 % w/v Glycerol	150 mM CAPSO; pH 9.5	3 % v/v 2-Methyl-2,4-pentanediol

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G1	1.11 M Sodium Potassium phosphate; pH 4.0	150 mM Sodium formate; pH 4.0	2 % v/v 1,2-Propanediol
G2	44.6 % v/v Polyethylene glycol monomethyl ether 550	150 mM Sodium acetate; pH 4.5	none
G3	3.71 M Ammonium nitrate	150 mM di-Sodium DL-malate; pH 5.0	2 % v/v Ethylene glycol
G4	18.6 % w/v Polyethylene glycol 20,000	150 mM tri-Sodium citrate; pH 5.5	20 mM Potassium Sodium tartrate
G5	55.7 % w/v Polyethylene glycol 1,000	150 mM MES; pH 6.0	2 % v/v 2-Methyl-2,4-pentanediol
G6	2.97 M Sodium chloride	150 mM MES; pH 6.5	2 % v/v 2-Butanol
G7	44.6 % w/v Polyethylene glycol 4,000	150 mM MOPS; pH 7.0	40 mM Potassium bromide
G8	1.49 M Lithium sulfate	150 mM HEPES; pH 7.5	2 % v/v Polyethylene glycol 300
G9	37.1 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM TRIS; pH 8.0	40 mM Magnesium sulfate
G10	66.9 % w/v Glycerol	150 mM TAPS; pH 8.5	8 mM Sodium fluoride
G11	2.6 M Ammonium sulfate	150 mM AMPD - TRIS buffer; pH 9.0	20 mM Potassium thiocyanate
G12	37.1 % w/v Polyethylene glycol 8,000	150 mM CAPSO; pH 9.5	40 mM Sodium iodide
H1	4 M Ammonium nitrate	150 mM Sodium formate; pH 4.0	1 % v/v Polyethylene glycol 300
H2	20 % w/v Polyethylene glycol 20,000	150 mM Sodium acetate; pH 4.5	20 mM Magnesium sulfate
H3	60 % w/v Polyethylene glycol 1,000	150 mM di-Sodium DL-malate; pH 5.0	4 mM Sodium fluoride
H4	3.2 M Sodium chloride	150 mM tri-Sodium citrate; pH 5.5	10 mM Potassium thiocyanate
H5	48 % w/v Polyethylene glycol 4,000	150 mM MES; pH 6.0	20 mM Sodium iodide
H6	1.6 M Lithium sulfate	150 mM MES; pH 6.5	1 % v/v 1,2-Propanediol
H7	40 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM MOPS; pH 7.0	10 mM Calcium chloride
H8	72 % w/v Glycerol	150 mM HEPES; pH 7.5	1 % v/v Ethylene glycol
H9	2.8 M Ammonium sulfate	150 mM TRIS; pH 8.0	10 mM Potassium Sodium tartrate; pH 7.0
H10	40 % w/v Polyethylene glycol 8,000	150 mM TAPS; pH 8.5	1 % v/v 2-Methyl-2,4-pentanediol
H11	1.2 M Sodium Potassium phosphate; pH 9.0	150 mM AMPD - TRIS buffer; pH 9.0	1 % v/v 2-Butanol
H12	48 % v/v Polyethylene glycol monomethyl ether 550	150 mM CAPSO; pH 9.5	20 mM Potassium bromide

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