MCSG - IV

Well	Salt	Buffer	Precipitant
A1		0.1 M Sodium Acetate:Acetic Acid pH 4.5	20% (w/v) PEG 3000
A2	0.2 M Sodium Chloride	0.1 M HEPES:NaOH pH 7.5	35% (v/v) MPD
A3		0.1 M CHES:NaOH pH 9.5	10% (w/v) PEG 3000
A4		0.1 M CHES:NaOH pH 9.5	15% (v/v) Ethanol
A5		0.1 M Na_2HPO_4/KH_2PO_4 pH 6.2	10% (w/v) PEG 3000
A6		0.1 M Tris:HCl pH 8.5	10% (v/v) 2-Propanol
A7	0.2 M Zinc Acetate	0.1 M Imidazole:HCl pH 8	2.5M Sodium Chloride
A8		0.1 M Sodium Acetate:Acetic Acid pH 4.5	35% (v/v) MPD
A9	0.2 M Magnesium Chloride	0.1 M Sodium Cacodylate:HCl pH 6.5	20% (w/v) PEG 1000
A10	0.2 M Zinc Acetate	0.1 M MES:NaOH pH 6	15% (v/v) Ethanol
A11	0.2 M Sodium Chloride	0.1 M Tris:HCl pH 7	35% (v/v) MPD
A12		0.1 M Bis-Tris Propane:NaOH pH 7	4 M Sodium Nitrate
B1		0.1 M Bis-Tris Propane:NaOH pH 7	2.4 M DL-Malic Acid pH 7.0
B2		0.1 M Bis-Tris Propane:NaOH pH 7	1.2 M Potassium Sodium Tartrate
B3		0.1 M Sodium Acetate:HCl pH 4.6	1.5 M Lithium Sulfate
B4		0.1 M Bis-Tris Propane:NaOH pH 7	0.7 M Magnesium Formate
B5		0.1 M Bis-Tris Propane:NaOH pH 7	0.6 M Potassium Sodium Tartrate
B6		0.1 M Tris:HCl pH 8.5	0.7 M Sodium Citrate Tribasic
B7		0.1 M Tris:HCl pH 8.5	6 M Ammonium Nitrate
B8		0.1 M Sodium Acetate:HCl pH 4.6	1.5 M Ammonium Chloride
B9		0.1 M Bis-Tris Propane:NaOH pH 7	0.4 M Magnesium Formate
B10		0.1 M Bis-Tris Propane:NaOH pH 7	1.2 M DL-Malic Acid pH 7.0
B11		0.1 M Bis-Tris Propane:NaOH pH 7	1M Magnesium Sulfate
B12		0.1 M Sodium Acetate:HCl pH 4.6	0.4M Magnesium Formate
B1		0.1 M Bis-Tris Propane:NaOH pH 7	2 M Di-Ammonium Hydrogen Citrate
C2		0.1 M Tris:HCl pH 8.5	1.2 M Sodium Citrate Tribasic
C3		0.1 M Tris:HCl pH 8.5	3.5 M Sodium Formate
C4	0.63 M Malonic acid, 0.0875 M Ammonium Malic Acid, 0.14 M Sodium Acetate, 0.175 M Sodium Formate, 0.056 M Ammonium Tartrate, Final pH 7.0	0.1 M Bis-Tris Propane:NaOH pH 7	
C5		0.1 M Sodium Acetate:HCl pH 4.6	1 M Magnesium Sulfate
C6		0.1 M Sodium Acetate:HCl pH 4.6	1 M di-Ammonium Hydrogen Citrate
C7			1 M NaH_2PO_4/K_2HPO_4 pH 5.0
C8		0.1 M Bis-Tris Propane:NaOH pH 7	2.2 M DL-Malic Acid pH 7.0
C9	1.08 M Malonic acid, 0.15 M Ammonium Citrate, 0.072 M Succinic Acid, 0.18 M DL-Malic Acid, 0.24 M Sodium Acetate, 0.3 M Sodium Formate, 0.096 M Ammonium Tartrate, Final pH 7.0	0.1 M Bis-Tris Propane:NaOH pH 7	
C10			1 M NaH_2PO_4/K_2HPO_4 pH 8.2
C11		0.1 M Bis-Tris Propane:NaOH pH 7	0.5 M Sodium Succinate pH 7.0
C12		0.1 M Sodium Acetate:HCl pH 4.6	1.1 M Ammonium Tartrate Dibasic
D1	0.2 M Lithium Sulfate	0.1 M Sodium Acetate:Acetic Acid pH 4.5	50% (v/v) PEG 400
D2	0.2 M Lthium Sulfate	0.1 M Tris:HCl pH 8.5	40% (v/v) PEG 400
D3	0.14 M Calcium Chloride	0.07 M Sodium Acetate:HCl pH 4.6	14% (v/v) 2-Propanol, 30% (v/v) Glycerol
D4		0.1 M Tris:HCl pH 8.5	1 M Magnesium Sulfate
D5	0.27 M Malonic Acid, 0.0375 M Ammonium Citrate Tribasic, 0.018 M Succinic Acid, 0.045 M DL-Malic Acid, 0.06 M Socium Acetate, 0.075 M Sodium Formate, 0.024 M Ammonium Tartrate Dibasic, Final pH 7.0	0.1 M HEPES:NaOH pH 7	2% (w/v) PEG 3350
D6	0.2 M Ammonium Acetate	0.1 M Bis-Tris:HClpH 5.5	45% (v/v) MPD
D7	0.2 M Lithium Sulfate	0.1 M MES:NaOH pH 6	20% (v/v) 1,4-Butanediol
D8	0.2 M Lithium Sulfate	0.1 M Sodium Citrate:Citric Acid pH 5.5	15% (v/v) Ethanol
D9		0.1 M Na_2HPO_4/KH_2PO_4 pH 6.2	35% (v/v) MPD
D10	0.2 M Lithium Sulfate	0.1 M MES:NaOH pH 6	35% (v/v) MPD
D11		0.1 M CAPS:NaOH pH 10.5	30% (v/v) PEG 400
D12	0.2 M Magnesium Chloride	0.1 M HEPES:NaOH pH 7.5	15% (v/v) PEG 400

300 TradeCenter, Ste. 3650 Woburn, MA 01801
Phone: 781-376-0780 Fax: 781-376-0785
www.microlytic.com

MCSG - IV

Well	Salt	Buffer	Precipitant
E1	0.2 M Sodium Citrate	0.1 M TRIS:HCl pH 8.5	15% (v/v) PEG 400
E2	0.1 M Magnesium Chloride	0.1 M Sodium Acetate:HCl pH 4.6	25% (v/v) PEG 400
E3	0.2 M Lithium Sulfate	0.1 M TRIS:HCl pH 8.5	25% (v/v) PEG 400
E4	0.1 M Calcium Chloride	0.1 M Sodium Acetate:HCl pH 4.6	30% (v/v) PEG 400
E5	0.1 M Sodium Acetate	0.1 M MES:NaOH pH 6.5	30% (v/v) PEG 400
E6	0.1 M Magnesium Chloride	0.1 M MES:NaOH pH 6.5	30% (v/v) PEG 400
E7		0.1 M HEPES:NaOH pH 7.5	25% (w/v) PEG 1000
E8		0.1 M TRIS:HCl pH 8.5	30% (w/v) PEG 1000
E9			15% (w/v) PEG 1500
E10	0.01 M Nickel Chloride	0.1 M TRIS:HCl pH 8.5	20% (w/v) PEG 2000 MME
E11			15% (w/v) PEG 2000 MME
E12	0.1 M Sodium Acetate	0.1 M MES:NaOH pH 6.5	30% (w/v) PEG 2000 MME
F1	0.2 M Sodium Acetate	0.1 M HEPES:NaOH pH 7.5	20% (w/v) PEG 3000
F2		0.1 M Sodium Acetate:HCl pH 4.6	4% (w/v) PEG 4000
F3	0.2 M Sodium Acetate	0.1 M TRIS:HCl pH 8.5	16% (w/v) PEG 4000
F4	0.2 M Magnesium Chloride	0.1 M TRIS:HCl pH 8.5	16% (w/v) PEG 4000
F5	0.2 M Lithium Sulfate	0.1 M TRIS:HCl pH 8.5	20% (w/v) PEG 4000
F6	0.1 M Sodium Acetate	0.1 M HEPES:NaOH pH 7.5	22% (w/v) PEG 4000
F7	0.2 M Magnesium Chloride	0.1 M MES:NaOH pH 6.5	25% (w/v) PEG 4000
F8		0.1 M MES:NaOH pH 6.5	30% (w/v) PEG 4000
F9	0.2 M Calcium Chloride	0.1 M HEPES:NaOH pH 7.5	30% (w/v) PEG 4000
F10	0.2 M Lithium Sulfate	0.1 M TRIS:HCl pH 8.5	30% (w/v) PEG 4000
F11	0.2 M Sodium Acetate	0.1 M TRIS:HCl pH 8.5	30% (w/v) PEG 4000
F12	0.2 M Magnesium Chloride	0.1 M TRIS:HCl pH 8.5	30% (w/v) PEG 4000
G1			35% (w/v) PEG 4000
G2	0.8 M Lithium Chloride	0.1 M TRIS:HCl pH 8.5	8% (w/v) PEG 4000
G3			10% (w/v) PEG 4000, 20% (v/v) 2-Propanol
G4		0.1 M Sodium Citrate:HCl pH 5.6	10% (w/v) PEG 4000, 10% (v/v) 2-Propanol
G5		0.1 M HEPES:NaOH pH 7.5	10% (w/v) PEG 4000, 5% (v/v) 2-Ppropanol
G6	0.2 M Ammonium Sulfate		15% (w/v) PEG 4000
G7	0.2 M Ammonium Sulfate	0.1 M Sodium Citrate:HCl pH 5.6	15% (w/v) PEG 4000
G8	0.2 M Magnesium Sulfate		20% (w/v) PEG 4000, 10% (v/v) Glycerol
G9	0.1 M Sodium Citrate		20% (w/v) PEG 4000, 5% (v/v) 2-Propanol
G10	0.1 M Sodium Citrate		20% (w/v) PEG 4000, 20% (v/v) 2-Propanol
G11		0.1 M HEPES:NaOH pH 7.5	20% (w/v) PEG 4000, 10% (v/v) 2-Propanol
G12	0.2 M Ammonium Sulfate		22% (w/v) PEG 4000, 0.1M Sodium Acetate
H1	0.2 M Lithium Sulfate	0.1 M HEPES:NaOH pH 7.5	25% (w/v) PEG 4000, 0.1M Sodium Acetate
H2	0.1 M Sodium Acetate		25% (w/v) PEG 4000, 8% (v/v) 2-Propanol
H3	0.2 M Ammonium Sulfate	0.1 M MES:NaOH pH 6.5	30% (w/v) PEG 5000 MME
H4			12% (w/v) PEG 6000, 2M Sodium Chloride
H5	0.1 M Lithium Chloride	0.1 M HEPES:NaOH pH 7.5	25% (w/v) PEG 6000
H6	0.01M Sodium Citrate		33% (w/v) PEG 6000
H7	0.5 M Lithium Sulfate		2% (w/v) PEG 8000
H8	1 M Lithium Sulfate		2% (w/v) PEG 8000
H9	0.2 M Lithium Chloride		8% (w/v) PEG 8000, 0.05M Magnesium Sulfate
H10	0.2 M Zinc Acetate	0.1 M Imidazole:HCl pH 6.5	10% (w/v) PEG 8000
H11	0.2 M Calcium Acetate	0.1 M HEPES:NaOH pH 7.5	10% (w/v) PEG 8000
H12	0.2 M Magnesium Acetate		10% (w/v) PEG 8000

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