

Pi-minimal Screen

Cat.-No.: CS-127

Number	Precipitant 1	Buffer	pH	Additive
1	0.60 M Sodium/Potassium Phosphate, pH 4.0	150 mM Formate	4.0	160 mM Potassium Bromide
2	24.0 % v/v PEG 550 MME	150 mM Acetate	4.5	8.0 % v/v PEG 300
3	2.00 M Ammonium Nitrate	150 mM Malate	5.0	160 mM Magnesium Sulfate
4	10.0 % w/v PEG 20000	150 mM Citrate	5.5	32 mM Sodium Fluoride
5	30.0 % w/v PEG 1000	150 mM MES	6.0	80 mM Potassium Thiocyanate
6	1.60 M Sodium Chloride	150 mM Cacodylate	6.5	160 mM Sodium Iodide
7	24.0 % w/v PEG 4000	150 mM MOPS	7.0	8.0 % v/v 1,2- Propanediol
8	0.80 M Lithium Sulfate	150 mM HEPES	7.5	None
9	20.0 % w/v PEG 5000 MME	150 mM Tris	8.0	8.0 % v/v Ethylene Glycol
10	36.0 % w/v Glycerol	150 mM TAPS	8.5	80 mM Sodium Potassium Tartrate
11	1.40 M Ammonium Sulfate	150 mM AMPD/Tris	9.0	8.0 % v/v MPD
12	20.0 % w/v PEG 8000	150 mM CAPSO	9.5	8.0 % v/v 2-Butanol
13	2.29 M Ammonium Nitrate	150 mM Formate	4.0	70 mM Calcium Chloride
14	11.4 % w/v PEG 20000	150 mM Acetate	4.5	7.0 % v/v Ethylene Glycol
15	34.3 % w/v PEG 1000	150 mM Malate	5.0	70 mM Sodium Potassium Tartrate
16	1.83 M Sodium Chloride	150 mM Citrate	5.5	7.0 % v/v MPD
17	27.4 % w/v PEG 4000	150 mM MES	6.0	7.0 % v/v 2-Butanol
18	0.91 M Lithium Sulfate	150 mM Cacodylate	6.5	140 mM Potassium Bromide
19	22.9 % w/v PEG 5000 MME	150 mM MOPS	7.0	7.0 % v/v PEG 300
20	41.1 % w/v Glycerol	150 mM HEPES	7.5	140 mM Magnesium Sulfate
21	1.60 M Ammonium Sulfate	150 mM Tris	8.0	28 mM Sodium Fluoride
22	22.9 % w/v PEG 8000	150 mM TAPS	8.5	70 mM Potassium Thiocyanate
23	0.69 M Sodium/Potassium Phosphate, pH 9.0	150 mM AMPD/Tris	9.0	140 mM Sodium Iodide
24	28.0 % v/v PEG 550 MME	150 mM CAPSO	9.5	7.0 % v/v 1,2- Propanediol

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Number	Precipitant 1	Buffer	pH	Additive
25	38.6 % w/v PEG 1000	150 mM Formate	4.0	120 mM Magnesium Sulfate
26	2.06 M Sodium Chloride	150 mM Acetate	4.5	24 mM Sodium Fluoride
27	30.9 % w/v PEG 4000	150 mM Malate	5.0	60 mM Potassium Thiocyanate
28	1.03 M Lithium Sulfate	150 mM Citrate	5.5	120 mM Sodium Iodide
29	25.7 % w/v PEG 5000 MME	150 mM MES	6.0	6.0 % v/v 1,2- Propanediol
30	46.3 % w/v Glycerol	150 mM Cacodylate	6.5	60 mM Calcium Chloride
31	1.80 M Ammonium Sulfate	150 mM MOPS	7.0	6.0 % v/v Ethylene Glycol
32	25.7 % w/v PEG 8000	150 mM HEPES	7.5	60 mM Sodium Potassium Tartrate
33	0.77 M Sodium/Potassium Phosphate, pH 8.0	150 mM Tris	8.0	6.0 % v/v MPD
34	31.0 % v/v PEG 550 MME	150 mM TAPS	8.5	6.0 % v/v 2-Butanol
35	2.57 M Ammonium Nitrate	150 mM AMPD/Tris	9.0	120 mM Potassium Bromide
36	12.9 % w/v PEG 20000	150 mM CAPSO	9.5	6.0 % v/v PEG 300
37	34.3 % w/v PEG 4000	150 mM Formate	4.0	None
38	1.14 M Lithium Sulfate	150 mM Acetate	4.5	5.0 % v/v MPD
39	28.6 % w/v PEG 5000 MME	150 mM Malate	5.0	5.0 % v/v 2-Butanol
40	51.4 % w/v Glycerol	150 mM Citrate	5.5	100 mM Potassium Bromide
41	2.00 M Ammonium Sulfate	150 mM MES	6.0	5.0 % v/v PEG 300
42	28.6 % w/v PEG 8000	150 mM Cacodylate	6.5	100 mM Magnesium Sulfate
43	0.86 M Sodium/Potassium Phosphate, pH 7.0	150 mM MOPS	7.0	20 mM Sodium Fluoride
44	34.0% v/v PEG 550 MME	150 mM HEPES	7.5	50 mM Potassium Thiocyanate
45	2.86 M Ammonium Nitrate	150 mM Tris	8.0	100 mM Sodium Iodide
46	14.3 % w/v PEG 20000	150 mM TAPS	8.5	5.0 % v/v 1,2- Propanediol
47	42.9 % w/v PEG 1000	None		50 mM Calcium Chloride
48	2.29 M Sodium Chloride	150 mM CAPSO	9.5	5.0 % v/v Ethylene Glycol

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Number	Precipitant 1	Buffer	pH	Additive 1
49	31.4 % w/v PEG 5000 MME	150 mM Formate	4.0	40 mM Potassium Thiocyanate
50	56.6 % w/v Glycerol	150 mM Acetate	4.5	80 mM Sodium Iodide
51	2.2 M Ammonium Sulfate	150 mM Malate	5.0	4.0 % v/v 1,2- Propanediol
52	31,4 % w/v PEG 8000	150 mM Citrate	5.5	None
53	0.94 M Sodium/Potassium Phosphate, pH 6.0	150 mM MES	6.0	4.0 % v/v Ethylene Glycol
54	37.7 % v/v PEG 550 MME	150 mM Cacodylate	6.5	40 mM Sodium Potassium Tartrate
55	3.14 M Ammonium Nitrate	150 mM MOPS	7.0	4.0 % v/v MPD
56	15.7 % w/v PEG 20000	150 mM HEPES	7.5	4.0 % v/v 2-Butanol
57	47.1 % w/v PEG 1000	150 mM Tris	8.0	80 mM Potassium Bromide
58	2.51 M Sodium Chloride	150 mM TAPS	8.5	4.0 % v/v PEG 300
59	37.7 % w/v PEG 4000	150 mM AMPD/Tris	9.0	80 mM Magnesium Sulfate
60	1.26 M Lithium Sulfate	150 mM CAPSO	9.5	None
61	2.40 M Ammonium Sulfate	150 mM Formate	4.0	3.0 % v/v 2-Butanol
62	34.3 % w/v PEG 8000	150 mM Acetate	4.5	60 mM Potassium Bromide
63	1.03 M Sodium/Potassium Phosphate, pH 5.0	150 mM Malate	5.0	3.0 % v/v PEG 300
64	42.0 % v/v PEG 550 MME	None		60 mM Magnesium Sulfate
65	3.43 M Ammonium Nitrate	150 mM MES	6.0	12 mM Sodium Fluoride
66	17.1 % w/v PEG 20000	150 mM Cacodylate	6.5	30 mM Potassium Thiocyanate
67	51.4 % w/v PEG 1000	150 mM MOPS	7.0	60 mM Sodium Iodide
68	2.74 M Sodium Chloride	150 mM HEPES	7.5	3.0 % v/v 1,2- Propanediol
69	41.1 % w/v PEG 4000	150 mM Tris	8.0	30 mM Calcium Chloride
70	1.37 M Lithium Sulfate	150 mM TAPS	8.5	3.0 % v/v Ethylene Glycol
71	34.3 % w/v PEG 5000 MME	150 mM AMPD/Tris	9.0	30 mM Sodium Potassium Tartrate
72	61.7 % w/v Glycerol	150 mM CAPSO	9.5	3.0 % v/v MPD

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Number	Precipitant 1	Buffer	pH	Additive 1
73	1.11 M Sodium/Potassium Phosphate, pH 4.0	150 mM Formate	4.0	2.0 % v/v 1,2- Propanediol
74	44.6 % v/v PEG 550 MME	150 mM Acetate	4.5	None
75	3.71 M Ammonium Nitrate	150 mM Malate	5.0	2.0 % v/v Ethylene Glycol
76	18.6 % w/v PEG 20000	150 mM Citrate	5.5	20 mM Sodium Potassium Tartrate
77	55.7 % w/v PEG 1000	150 mM MES	6.0	2.0 % v/v MPD
78	2.97 M Sodium Chloride	150 mM Cacodylate	6.5	2.0 % v/v 2-Butanol
79	44.6 % w/v PEG 4000	150 mM MOPS	7.0	40 mM Potassium Bromide
80	1.49 M Lithium Sulfate	150 mM HEPES	7.5	2.0 % v/v PEG 300
81	37.1 % w/v PEG 5000 MME	150 mM Tris	8.0	40 mM Magnesium Sulfate
82	66.9 % w/v Glycerol	150 mM TAPS	8.5	8 mM Sodium Fluoride
83	2.60 M Ammonium Sulfate	150 mM AMPD/Tris	9.0	20 mM Potassium Thiocyanate
84	37.1 % w/v PEG 8000	150 mM CAPSO	9.5	40 mM Sodium Iodide
85	4.00 M Ammonium Nitrate	150 mM Formate	4.0	1.0 % v/v PEG 300
86	20.0 % w/v PEG 20000	150 mM Acetate	4.5	20 mM Magnesium Sulfate
87	60.0 % w/v PEG 1000	150 mM Malate	5.0	4 mM Sodium Fluoride
88	3.20 M Sodium Chloride	150 mM Citrate	5.5	10 mM Potassium Thiocyanate
89	48.0 % w/v PEG 4000	150 mM MES	6.0	20 mM Sodium Iodide
90	1.60 M Lithium Sulfate	150 mM Cacodylate	6.5	1.0 % v/v 1,2- Propanediol
91	40.0 % w/v PEG 5000 MME	150 mM MOPS	7.0	10 mM Calcium Chloride
92	72.0 % w/v Glycerol	150 mM HEPES	7.5	1.0 % v/v Ethylene Glycol
93	2.80 M Ammonium Sulfate	150 mM Tris	8.0	10 mM Sodium Potassium Tartrate
94	40.0 % w/v PEG 8000	150 mM TAPS	8.5	1.0 % v/v MPD
95	1.20 M Sodium/Potassium Phosphate, pH 9.0	150 mM AMPD/Tris	9.0	1.0 % v/v 2-Butanol
96	48.0 % v/v PEG 550 MME	150 mM CAPSO	9.5	20 mM Potassium Bromide

Base conc.in M	required pH
1.00	4.0
1.00	4.5
1.00	5.0
1.00	5.5
1.00	6.0
1.00	6.5
1.00	7.0
1.00	7.5
1.00	8.0
1.00	8.5
1.00	9.0
0.50	9.5
1.50	4.0
1.50	5.0
1.50	6.00
1.50	7.00
1.50	8.00
1.50	9.0