Well #	Salt	Well #	Buffer ◊	Well #	Precipitant
1. (A1)	0.1 M Sodium chloride	1. (A1)	0.1 M Sodium acetate trihydrate pH 4.6	1. (A1)	12% v/v (+/-)-2-Methyl-2,4-pentanediol
2. (A2)	0.1 M Zinc acetate dihydrate	2. (A2)	0.1 M Sodium acetate trihydrate pH 4.6	2. (A2)	12% w/v Polyethylene glycol 4,000
3. (A3)	0.2 M Ammonium sulfate	3. (A3)	0.1 M Sodium acetate trihydrate pH 4.6	3. (A3)	10% w/v Polyethylene glycol 4,000
4. (A4)	0.1 M Sodium chloride	4. (A4)	0.1 M Sodium acetate trihydrate pH 4.6	4. (A4)	12% v/v 2-Propanol
5. (A5)	None	5. (A5)	0.1 M Sodium acetate trihydrate pH 4.6	5. (A5)	12% w/v Polyethylene glycol 4,000
6. (A6)	None	6. (A6)	0.1 M Sodium acetate trihydrate pH 4.6	6. (A6)	1.0 M Ammonium sulfate
7. (A7)	None	7. (A7)	0.1 M Sodium acetate trihydrate pH 4.6	7. (A7)	1.0 M Magnesium sulfate heptahydrate
8. (A8)	0.1 M Magnesium chloride hexahydrate	8. (A8)	0.1 M Sodium acetate trihydrate pH 4.6	8. (A8)	18% v/v Polyethylene glycol 400
9. (A9)	0.1 M Lithium sulfate monohydrate	9. (A9)	0.1 M Sodium acetate trihydrate pH 4.6	9. (A9)	1.0 M Ammonium phosphate monobasic
10. (A10)	0.1 M Sodium chloride	10. (A10)	0.1 M Sodium acetate trihydrate pH 4.6	10. (A10)	12% w/v Polyethylene glycol 6,000
11. (A11)	0.1 M Magnesium chloride hexahydrate	11. (A11)	0.1 M Sodium acetate trihydrate pH 4.6	11. (A11)	12% w/v Polyethylene glycol 6,000
12. (A12)	0.1 M Sodium chloride	12. (A12)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	12. (A12)	18% v/v Polyethylene glycol 400
13. (B1)	0.1 M Lithium sulfate monohydrate	13. (B1)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	13. (B1)	12% w/v Polyethylene glycol 4,000
14. (B2)	0.1 M Sodium citrate tribasic dihydrate	14. (B2)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	14. (B2)	10% v/v 2-Propanol
15. (B3)	0.1 M Sodium chloride	15. (B3)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	15. (B3)	12% v/v (+/-)-2-Methyl-2,4-pentanediol
16. (B4)	None	16. (B4)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	16. (B4)	1.0 M Magnesium sulfate heptahydrate
17. (B5)	0.1 M Sodium chloride	17. (B5)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	17. (B5)	12% w/v Polyethylene glycol 4,000
18. (B6)	0.1 M Lithium sulfate monohydrate	18. (B6)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	18. (B6)	12% w/v Polyethylene glycol 6,000
19. (B7)	0.1 M Magnesium chloride hexahydrate	19. (B7)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	19. (B7)	4% v/v (+/-)-2-Methyl-2,4-pentanediol
20. (B8)	None	20. (B8)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	20. (B8)	0.1 M Sodium chloride
21. (B9)	0.1 M Lithium sulfate monohydrate	21. (B9)	0.1 M Sodium citrate tribasic dihydrate pH 5.6	21. (B9)	4% v/v Polyethylene glycol 400
22. (B10)	None	22. (B10)	0.1 M ADA pH 6.5	22. (B10)	1.0 M Ammonium sulfate
23. (B11)	0.1 M Lithium sulfate monohydrate	23. (B11)	0.1 M ADA pH 6.5	23. (B11)	12% w/v Polyethylene glycol 4,000, 2% v/v 2-Propanol
24. (B12)	None	24. (B12)	0.1 M ADA pH 6.5	24. (B12)	1.0 M Ammonium phosphate dibasic
25. (C1)	0.1 M Magnesium chloride hexahydrate	25. (C1)	0.1 M ADA pH 6.5	25. (C1)	12% w/v Polyethylene glycol 6,000
26. (C2)	None	26. (C2)	0.1 M ADA pH 6.5	26. (C2)	12% v/v (+/-)-2-Methyl-2,4-pentanediol
27. (C3)	0.1 M Lithium sulfate monohydrate	27. (C3)	0.1 M ADA pH 6.5	27. (C3)	1.0 M Magnesium sulfate hydrate
28. (C4)	0.3 M Lithium sulfate monohydrate	28. (C4)	0.1 M ADA pH 6.5	28. (C4)	4% v/v Polyethylene glycol 400
29. (C5)	0.1 M Ammonium sulfate	29. (C5)	0.1 M HEPES sodium pH 7.5	29. (C5)	0.5 M Sodium phosphate dibasic dihydrate, 0.5 M Potassium phosphate dibasic
30. (C6)	0.1 M Sodium chloride	30. (C6)	0.1 M HEPES sodium pH 7.5	30. (C6)	10% w/v Polyethylene glycol 4,000
31. (C7)	0.1 M Magnesium chloride hexahydrate	31. (C7)	0.1 M HEPES sodium pH 7.5	31. (C7)	18% v/v Polyethylene glycol 400
32. (C8)	None	32. (C8)	0.1 M HEPES sodium pH 7.5	32. (C8)	1.0 M Potassium sodium tartrate tetrahydrate
33. (C9)	0.1 M Ammonium sulfate	33. (C9)	0.1 M HEPES sodium pH 7.5	33. (C9)	18% v/v Polyethylene glycol 400
34. (C10)	0.1 M Ammonium sulfate	34. (C10)	0.1 M HEPES sodium pH 7.5	34. (C10)	10% w/v Polyethylene glycol 4,000
35. (C11)	0.1 M Sodium citrate tribasic dihydrate	35. (C11)	0.1 M HEPES sodium pH 7.5	35. (C11)	12% v/v (+/-)-2-Methyl-2,4-pentanediol
36. (C12)	None	36. (C12)	0.1 M HEPES sodium pH 7.5	36. (C12)	1.0 M Sodium citrate tribasic dihydrate
37. (D1)	0.6 M Magnesium sulfate hydrate	37. (D1)	0.1 M HEPES sodium pH 7.5	37. (D1)	4% v/v Polyethylene glycol 400
38. (D2)	0.6 M Magnesium sulfate hydrate	38. (D2)	0.1 M HEPES sodium pH 7.5	38. (D2)	4% v/v (+/-)-2-Methyl-2,4-pentanediol
39. (D3)	0.1 M Lithium sulfate monohydrate	39. (D3)	0.1 M HEPES sodium pH 7.5	39. (D3)	0.1 M Potassium sodium tartrate tetrahydrate
40. (D4)	0.1 M Lithium sulfate monohydrate	40. (D4)	0.1 M TRIS hydrochloride pH 8.5	40. (D4)	12% v/v (+/-)-2-Methyl-2,4-pentanediol
41. (D5)	0.1 M Ammonium phosphate dibasic	41. (D5)	0.1 M TRIS hydrochloride pH 8.5	41. (D5)	0.5 M Sodium phosphate dibasic dihydrate, 0.5 M Potassium phosphate dibasic
42. (D6)	None	42. (D6)	0.1 M TRIS hydrochloride pH 8.5	42. (D6)	0.1 M Sodium acetate trihydrate
43. (D7)	None	43. (D7)	0.1 M TRIS hydrochloride pH 8.5	43. (D7)	0.1 M Sodium chloride
44. (D8)	0.1 M Ammonium phosphate dibasic	44. (D8)	0.1 M TRIS hydrochloride pH 8.5	44. (D8)	12% w/v Polyethylene glycol 6,000
45. (D9)	0.1 M Potassium sodium tartrate tetrahydrate	45. (D9)	0.1 M TRIS hydrochloride pH 8.5	45. (D9)	0.4 M Magnesium sulfate hydrate
46. (D10)	None	46. (D10)	0.1 M TRIS hydrochloride pH 8.5	46. (D10)	0.2 M Lithium sulfate monohydrate
47. (D11)	None	47. (D11)	0.1 M TRIS hydrochloride pH 8.5	47. (D11)	0.5 M Ammonium sulfate
48. (D12)	0.1 M Sodium citrate tribasic dihydrate	48. (D12)	0.1 M TRIS hydrochloride pH 8.5	48. (D12)	5% v/v Polyethylene glycol 400

◊ Buffer pH is that of a 1.0 M stock prior to dilution with other reagent components: pH with HCl or NaOH.

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Solutions for Crystal Growth

Well #	Salt	Buffer ◊	Precipitant
49. (E1)	0.02 M Calcium chloride dihydrate	0.1 M Sodium acetate trihydrate pH 4.6	15% v/v (+/-)-2-Methyl-2,4-pentanediol
50. (E2)	None	None	0.2 M Potassium sodium tartrate tetrahydrate
51. (E3)	None	None	0.2 M Ammonium phosphate monobasic
52. (E4)	None	0.1 M TRIS hydrochloride pH 8.5	1.0 M Ammonium sulfate
53. (E5)	0.2 M Sodium citrate tribasic dihydrate	0.1 M HEPES sodium pH 7.5	15% v/v (+/-)-2-Methyl-2,4-pentanediol
54. (E6)	0.2 M Magnesium chloride hexahydrate	0.1 M TRIS hydrochloride pH 8.5	15% w/v Polyethylene glycol 4,000
55. (E7)	None	0.1 M Sodium cacodylate trihydrate pH 6.5	0.7 M Sodium acetate trihydrate
56. (E8)	0.2 M Sodium citrate tribasic dihydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	15% v/v 2-Propanol
57. (E9)	0.2 M Ammonium acetate	0.1 M Sodium citrate tribasic dihydrate pH 5.6	15% w/v Polyethylene glycol 4,000
58. (E10)	0.2 M Ammonium acetate	0.1 M Sodium acetate trihydrate pH 4.6	15% w/v Polyethylene glycol 4,000
59. (E11)	None	0.1 M Sodium citrate tribasic dihydrate pH 5.6	0.5 M Ammonium phosphate monobasic
60. (E12)	0.2 M Magnesium chloride hexahydrate	0.1 M HEPES sodium pH 7.5	15% v/v 2-Propanol
61. (F1)	0.2 M Sodium citrate tribasic dihydrate	0.1 M TRIS hydrochloride pH 8.5	15% v/v Polyethylene glycol 400
62. (F2)	0.2 M Calcium chloride dihydrate	0.1 M HEPES sodium pH 7.5	14% v/v Polyethylene glycol 400
63. (F3)	0.2 M Ammonium sulfate	0.1 M Sodium cacodylate trihydrate pH 6.5	15% w/v Polyethylene glycol 8,000
64. (F4)	None	0.1 M HEPES sodium pH 7.5	0.75 M Lithium sulfate monohydrate
65. (F5)	0.2 M Lithium sulfate monohydrate	0.1 M TRIS hydrochloride pH 8.5	15% w/v Polyethylene glycol 4,000
66. (F6)	0.2 M Magnesium acetate tetrahydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	10% w/v Polyethylene glycol 8,000
67. (F7)	0.2 M Ammonium acetate	0.1 M TRIS hydrochloride pH 8.5	15% v/v 2-Propanol
68. (F8)	0.2 M Ammonium sulfate	0.1 M Sodium acetate trihydrate pH 4.6	12.5% w/v Polyethylene glycol 4,000
69. (F9)	0.2 M Magnesium acetate tetrahydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	15% v/v (+/-)-2-Methyl-2,4-pentanediol
70. (F10)	0.2 M Sodium acetate trihydrate	0.1 M TRIS hydrochloride pH 8.5	15% w/v Polyethylene glycol 4,000
71. (F11)	0.2 M Magnesium chloride hexahydrate	0.1 M HEPES sodium pH 7.5	15% v/v Polyethylene glycol 400
72. (F12)	0.2 M Calcium chloride dihydrate	0.1 M Sodium acetate trihydrate pH 4.6	10% v/v 2-Propanol
73. (G1)	None	0.1 M Imidazole pH 6.5	0.5 M Sodium acetate trihydrate
74. (G2)	0.2 M Ammonium acetate	0.1 M Sodium citrate tribasic dihydrate pH 5.6	15% v/v (+/-)-2-Methyl-2,4-pentanediol
75. (G3)	0.2 M Sodium citrate tribasic dihydrate	0.1 M HEPES sodium pH 7.5	10% v/v 2-Propanol
76. (G4)	0.2 M Sodium acetate trihydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	15% w/v Polyethylene glycol 8,000
77. (G5)	None	0.1 M HEPES sodium pH 7.5	0.4 M Potassium sodium tartrate tetrahydrate
78. (G6)	0.2 M Ammonium sulfate	None	15% w/v Polyethylene glycol 8,000
79. (G7)	0.2 M Ammonium sulfate	None	15% w/v Polyethylene glycol 4,000
80. (G8)	None	None	1.0 M Ammonium sulfate
81. (G9)	None	None	2.0 M Sodium formate
82. (G10)	None	0.1 M Sodium acetate trihydrate pH 4.6	1.0 M Sodium formate
83. (G11)	None	0.1 M HEPES sodium pH 7.5	0.4 M Sodium phosphate monobasic monohydrate, 0.4 M Potassium phosphate monobasic
84. (G12)	None	0.1 M TRIS hydrochloride pH 8.5	4% w/v Polyethylene glycol 8,000
85. (H1)	None	0.1 M Sodium acetate trihydrate pH 4.6	4% w/v Polyethylene glycol 4,000
86. (H2)	None	0.1 M HEPES sodium pH 7.5	0.7 M Sodium citrate tribasic dihydrate
87. (H3)	None	0.1 M HEPES sodium pH 7.5	2% v/v Polyethylene glycol 400, 1.0 M Ammonium sulfate
88. (H4)	None	0.1 M Sodium citrate tribasic dihydrate pH 5.6	10% v/v 2-Propanol, 10% w/v Polyethylene glycol 4,000
89. (H5)	None	0.1 M HEPES sodium pH 7.5	5% v/v 2-Propanol, 10% w/v Polyethylene glycol 4,000
90. (H6)	0.05 M Potassium phosphate monobasic	None	10% w/v Polyethylene glycol 8,000
91. (H7)	None	None	15% w/v Polyethylene glycol 1,500
92. (H8)	None	None	0.1 M Magnesium formate dihydrate
93. (H9)	0.2 M Zinc acetate dihydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	9% w/v Polyethylene glycol 8,000
94. (H10)	0.2 M Calcium acetate hydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	9% w/v Polyethylene glycol 8,000
95. (H11)	None	0.1 M Sodium acetate trihydrate pH 4.6	1.0 M Ammonium sulfate
96. (H12)	None	0.1 M TRIS hydrochloride pH 8.5	1.0 M Ammonium phosphate monobasic

◊ Buffer pH is that of a 1.0 M stock prior to dilution with other reagent components: pH with HCl or NaOH.

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