

Sample: _____ Sample Concentration: _____
 Sample Buffer: _____ Date: _____
 Reservoir Volume: _____ Temperature: _____
 Drop Volume: Total _____ µl Sample _____ µl Reservoir _____ µl Additive _____ µl

- 1 Clear Drop
- 2 Phase Separation
- 3 Regular Granular Precipitate
- 4 Birefringent Precipitate or Microcrystals

- 5 Posettes or Spherulites
- 6 Needles (1D Growth)
- 7 Plates (2D Growth)
- 8 Single Crystals (3D Growth < 0.2 mm)
- 9 Single Crystals (3D Growth > 0.2 mm)

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Date: Date: Date:

A1.	0.1 M Citric acid pH 3.5, 2.0 M Ammonium sulfate			
A2.	0.1 M Sodium acetate trihydrate pH 4.5, 2.0 M Ammonium sulfate			
A3.	0.1 M BIS-TRIS pH 5.5, 2.0 M Ammonium sulfate			
A4.	0.1 M BIS-TRIS pH 6.5, 2.0 M Ammonium sulfate			
A5.	0.1 M HEPES pH 7.5, 2.0 M Ammonium sulfate			
A6.	0.1 M Tris pH 8.5, 2.0 M Ammonium sulfate			
A7.	0.1 M Citric acid pH 3.5, 3.0 M Sodium chloride			
A8.	0.1 M Sodium acetate trihydrate pH 4.5, 3.0 M Sodium chloride			
A9.	0.1 M BIS-TRIS pH 5.5, 3.0 M Sodium chloride			
A10.	0.1 M BIS-TRIS pH 6.5, 3.0 M Sodium chloride			
A11.	0.1 M HEPES pH 7.5, 3.0 M Sodium chloride			
A12.	0.1 M Tris pH 8.5, 3.0 M Sodium chloride			
B1.	0.1 M BIS-TRIS pH 5.5, 0.3 M Magnesium formate dihydrate			
B2.	0.1 M BIS-TRIS pH 6.5, 0.5 M Magnesium formate dihydrate			
B3.	0.1 M HEPES pH 7.5, 0.5 M Magnesium formate dihydrate			
B4.	0.1 M TRIS pH 8.5, 0.3 M Magnesium formate dihydrate			
B5.	1.26 M Sodium phosphate monobasic monohydrate, 0.14 M Potassium phosphate dibasic, pH 5.6			
B6.	0.49 M Sodium phosphate monobasic monohydrate, 0.91 M Potassium phosphate dibasic, pH 6.9			
B7.	0.056 M Sodium phosphate monobasic monohydrate, 1.344 M Potassium phosphate dibasic, pH 8.2			
B8.	0.1 M HEPES pH 7.5, 1.4 M Sodium citrate tribasic dihydrate			
B9.	1.8 M Ammonium citrate tribasic pH 7.0			
B10.	0.8 M Succinic acid pH 7.0			
B11.	2.1 M DL-Malic acid pH 7.0			
B12.	2.8 M Sodium acetate trihydrate pH 7.0			
C1.	3.5 M Sodium formate pH 7.0			
C2.	1.1 M Ammonium tartrate dibasic pH 7.0			
C3.	2.4 M Sodium malonate pH 7.0			
C4.	35% v/v Taccimate pH 7.0			
C5.	60% v/v Taccimate pH 7.0			
C6.	0.1 M Sodium chloride, 0.1 M BIS-TRIS pH 6.5, 1.5 M Ammonium sulfate			
C7.	0.8 M Potassium sodium tartrate tetrahydrate, 0.1 M Tris pH 8.5, 0.5% w/v Polyethylene glycol monomethyl ether 5,000			
C8.	1.0 M Ammonium sulfate, 0.1 M BIS-TRIS pH 5.5, 1% w/v Polyethylene glycol 3,350			
C9.	1.1 M Sodium malonate pH 7.0, 0.1 M HEPES pH 7.0, 0.5% v/v Jeffamine ED-2001® pH 7.0			
C10.	1.0 M Succinic acid pH 7.0, 0.1 M HEPES pH 7.0, 1% w/v Polyethylene glycol monomethyl ether 2,000			
C11.	1.0 M Ammonium sulfate, 0.1 M HEPES pH 7.0, 0.5% w/v Polyethylene glycol 8,000			
C12.	15% v/v Taccimate pH 7.0, 0.1 M HEPES pH 7.0, 2% w/v Polyethylene glycol 3,350			
D1.	25% w/v Polyethylene glycol 1,500			
D2.	0.1 M HEPES pH 7.0, 30% v/v Jeffamine M-600® pH 7.0			
D3.	0.1 M HEPES pH 7.0, 30% v/v Jeffamine ED-2001® pH 7.0			
D4.	0.1 M Citric acid pH 3.5, 25% w/v Polyethylene glycol 3,350			
D5.	0.1 M Sodium acetate trihydrate pH 4.5, 25% w/v Polyethylene glycol 3,350			
D6.	0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350			
D7.	0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350			
D8.	0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350			
D9.	0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350			
D10.	0.1 M BIS-TRIS pH 6.5, 20% w/v Polyethylene glycol monomethyl ether 5,000			
D11.	0.1 M BIS-TRIS pH 6.5, 28% w/v Polyethylene glycol monomethyl ether 2,000			
D12.	0.2 M Calcium chloride dihydrate, 0.1 M BIS-TRIS pH 5.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol			

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E1.	0.2 M Calcium chloride dihydrate, 0.1 M BIS-TRIS pH 6.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol
E2.	0.2 M Ammonium acetate, 0.1 M BIS-TRIS pH 5.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol
E3.	0.2 M Ammonium acetate, 0.1 M BIS-TRIS pH 6.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol
E4.	0.2 M Ammonium acetate, 0.1 M HEPES pH 7.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol
E5.	0.2 M Ammonium acetate, 0.1 M Tris pH 8.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol
E6.	0.05 M Calcium chloride dihydrate, 0.1 M BIS-TRIS pH 6.5, 30% v/v Polyethylene glycol monomethyl ether 550
E7.	0.05 M Magnesium chloride hexahydrate, 0.1 M HEPES pH 7.5, 30% v/v Polyethylene glycol monomethyl ether 550
E8.	0.2 M Potassium chloride, 0.05 M HEPES pH 7.5, 35% v/v Pentaerythritol propoxylate (5/4 PO/OH)
E9.	0.05 M Ammonium sulfate, 0.05 M BIS-TRIS pH 6.5, 30% v/v Pentaerythritol ethoxylate (15/4 EO/OH)
E10.	0.1 M BIS-TRIS pH 6.5, 45% v/v Polypropylene glycol P 400
E11.	0.02 M Magnesium chloride hexahydrate, 0.1 M HEPES pH 7.5, 22% w/v Poly(acrylic acid sodium salt) 5,100
E12.	0.01 M Cobalt (II) chloride hexahydrate, 0.1 M Tris pH 8.5, 20% w/v Polyvinylpyrrolidone K 15
F1.	0.2 M L-Proline. 0.1 M HEPES pH 7.5, 10% w/v Polyethylene glycol 3,350
F2.	0.2 M Trimethylamine N-oxide dihydrate, 0.1 M Tris pH 8.5, 20% w/v Polyethylene glycol monomethyl ether 2,000
F3.	5% v/v Tacsimate pH 7.0, 0.1 M HEPES pH 7.0, 10% w/v Polyethylene glycol monomethyl ether 5,000
F4.	0.005 M Cobalt (II) hexahydrate, 0.005 M Nickel (II) chloride hexahydrate, 0.005 M Cadmium chloride hydrate, 0.005 M Magnesium chloride hexahydrate, 0.1 M HEPES pH 7.5, 12% w/v Polyethylene glycol 3,350
F5.	0.1 M Ammonium acetate, 0.1 M BIS-TRIS pH 5.5, 17% w/v Polyethylene glycol 10,000
F6.	0.2 M Ammonium sulfate, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350
F7.	0.2 M Ammonium sulfate, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350
F8.	0.2 M Ammonium sulfate, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350
F9.	0.2 M Ammonium sulfate, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350
F10.	0.2 M Sodium chloride, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350
F11.	0.2 M Sodium chloride, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350
F12.	0.2 M Sodium chloride, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350
G1.	0.2 M Sodium chloride, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350
G2.	0.2 M Lithium sulfate monohydrate, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350
G3.	0.2 M Lithium sulfate monohydrate, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350
G4.	0.2 M Lithium sulfate monohydrate, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350
G5.	0.2 M Lithium sulfate monohydrate, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350
G6.	0.2 M Ammonium acetate, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350
G7.	0.2 M Ammonium acetate, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350
G8.	0.2 M Ammonium acetate, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350
G9.	0.2 M Ammonium acetate, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350
G10.	0.2 M Magnesium chloride hexahydrate, 0.1 M BIS-TRIS pH 5.5, 25% w/v Polyethylene glycol 3,350
G11.	0.2 M Magnesium chloride hexahydrate, 0.1 M BIS-TRIS pH 6.5, 25% w/v Polyethylene glycol 3,350
G12.	0.2 M Magnesium chloride hexahydrate, 0.1 M HEPES pH 7.5, 25% w/v Polyethylene glycol 3,350
H1.	0.2 M Magnesium chloride hexahydrate, 0.1 M Tris pH 8.5, 25% w/v Polyethylene glycol 3,350
H2.	0.2 M Potassium sodium tartrate tetrahydrate, 20% w/v Polyethylene glycol 3,350
H3.	0.2 M Sodium malonate pH 7.0, 20% w/v Polyethylene glycol 3,350
H4.	0.2 M Ammonium citrate tribasic pH 7.0, 20% w/v Polyethylene glycol 3,350
H5.	0.1 M Succinic acid pH 7.0, 15% w/v Polyethylene glycol 3,350
H6.	0.2 M Sodium formate, 20% w/v Polyethylene glycol 3,350
H7.	0.15 M DL-Malic acid pH 7.0, 20% w/v Polyethylene glycol 3,350
H8.	0.1 M Magnesium formate dihydrate, 15% w/v Polyethylene glycol 3,350
H9.	0.05 M Zinc acetate dihydrate, 20% w/v Polyethylene glycol 3,350
H10.	0.2 M Sodium citrate tribasic dihydrate, 20% w/v Polyethylene glycol 3,350
H11.	0.1 M Potassium thiocyanate, 30% w/v Polyethylene glycol monomethyl ether 2,000
H12.	0.15 M Potassium bromide, 30% w/v Polyethylene glycol monomethyl ether 2,000