

Crystal Screen HT (HR2-130) - Scoring Sheet

Sample:	1 Clear Drop 2 Phase Separation 3 Regular Granular Precipitate 4 Birefringent Precipitate 5 Spherulites 6 Needles 1D 7 Plates 2D 8 Xtal <0.2 mm 9 Xtal >0.2 mm		
Buffer:			
Reservoir Volume:			
Drop:			
Temperature:			
Drop:			
Temperature:	Date	Date	Date
A1 0.02 M Calcium chloride dihydrate, 0.1 M Sodium acetate trihydrate pH 4.6, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
A2 0.4 M Potassium sodium tartrate tetrahydrate			
A3 0.4 M Ammonium phosphate monobasic			
A4 0.1 M TRIS hydrochloride pH 8.5, 2.0 M Ammonium sulfate			
A5 0.2 M Sodium citrate tribasic dihydrate, 0.1 M HEPES sodium pH 7.5, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
A6 0.2 M Magnesium chloride hexahydrate, 0.1 M TRIS hydrochloride pH 8.5, 30% w/v Polyethylene glycol 4,000			
A7 0.1 M Sodium cacodylate trihydrate pH 6.5, 1.4 M Sodium acetate trihydrate			
A8 0.2 M Sodium citrate tribasic dihydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 30% v/v 2-Propanol			
A9 0.2 M Ammonium acetate, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 30% w/v Polyethylene glycol 4,000			
A10 0.2 M Ammonium acetate, 0.1 M Sodium acetate trihydrate pH 4.6, 30% w/v Polyethylene glycol 4,000			
A11 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 1.0 M Ammonium phosphate monobasic			
A12 0.2 M Magnesium chloride hexahydrate, 0.1 M HEPES sodium pH 7.5, 30% v/v 2-Propanol			
B1 0.2 M Sodium citrate tribasic dihydrate, 0.1 M TRIS hydrochloride pH 8.5, 30% v/v Polyethylene glycol 400			
B2 0.2 M Calcium chloride dihydrate, 0.1 M HEPES sodium pH 7.5, 28% v/v Polyethylene glycol 400			
B3 0.2 M Ammonium sulfate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 30% w/v Polyethylene glycol 8,000			
B4 0.1 M HEPES sodium pH 7.5, 1.5 M Lithium sulfate monohydrate			
B5 0.2 M Lithium sulfate monohydrate, 0.1 M TRIS hydrochloride pH 8.5, 30% w/v Polyethylene glycol 4,000			

B6	0.2 M Magnesium acetate tetrahydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 20% w/v Polyethylene glycol 8,000			
B7	0.2 M Ammonium acetate, 0.1 M TRIS hydrochloride pH 8.5, 30% v/v 2-Propanol			
B8	0.2 M Ammonium sulfate, 0.1 M Sodium acetate trihydrate pH 4.6, 25% w/v Polyethylene glycol 4,000			
B9	0.2 M Magnesium acetate tetrahydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
B10	0.2 M Sodium acetate trihydrate, 0.1 M TRIS hydrochloride pH 8.5, 30% w/v Polyethylene glycol 4,000			
B11	0.2 M Magnesium chloride hexahydrate, 0.1 M HEPES sodium pH 7.5, 30% v/v Polyethylene glycol 400			
B12	0.2 M Calcium chloride dihydrate, 0.1 M Sodium acetate trihydrate pH 4.6, 20% v/v 2-Propanol			
C1	0.1 M Imidazole pH 6.5, 1.0 M Sodium acetate trihydrate			
C2	0.2 M Ammonium acetate, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
C3	0.2 M Sodium citrate tribasic dihydrate, 0.1 M HEPES sodium pH 7.5, 20% v/v 2-Propanol			
	8,000			
C5	0.1 M HEPES sodium pH 7.5, 0.8 M Potassium sodium tartrate tetrahydrate			
C6	0.2 M Ammonium sulfate, 30% w/v Polyethylene glycol 8,000			
C7	0.2 M Ammonium sulfate, 30% w/v Polyethylene glycol 4,000			
C8	2.0 M Ammonium sulfate			
C9	4.0 M Sodium formate			
C10	0.1 M Sodium acetate trihydrate pH 4.6, 2.0 M Sodium formate			
C11	0.1 M HEPES sodium pH 7.5, 0.8 M Sodium phosphate monobasic monohydrate, 0.8 M Potassium phosphate monobasic			
C12	0.1 M TRIS hydrochloride pH 8.5, 8% w/v Polyethylene glycol 8,000			
D1	0.1 M Sodium acetate trihydrate pH 4.6, 8% w/v Polyethylene glycol 4,000			
D2	0.1 M HEPES sodium pH 7.5, 1.4 M Sodium citrate tribasic dihydrate			
D3	0.1 M HEPES sodium pH 7.5, 2% v/v Polyethylene glycol 400, 2.0 M Ammonium sulfate			
D4	0.1 M Sodium citrate tribasic dihydrate pH 5.6, 20% v/v 2-Propanol, 20% w/v Polyethylene glycol 4,000			
D5	0.1 M HEPES sodium pH 7.5, 10% v/v 2-Propanol, 20% w/v Polyethylene glycol 4,000			
D6	0.05 M Potassium phosphate monobasic, 20% w/v Polyethylene glycol 8,000			
D7	30% w/v Polyethylene glycol 1,500			
D8	0.2 M Magnesium formate dihydrate			
D9	0.2 M Zinc acetate dihydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 18% w/v Polyethylene glycol 8,000			

D10	0.2 M Calcium acetate hydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5 , 18% w/v Polyethylene glycol 8,000			
D11	0.1 M Sodium acetate trihydrate pH 4.6, 2.0 M Ammonium sulfate			
D12	0.1 M TRIS hydrochloride pH 8.5, 2.0 M Ammonium phosphate monobasic			
E1	2.0 M Sodium chloride, 10% w/v Polyethylene glycol 6,000			
E2	0.5 M Sodium chloride, 0.01 M Magnesium chloride hexahydrate, 0.01 M Hexadecyltrimethylammonium bromide			
E3	25% v/v Ethylene glycol			
E4	35% v/v 1,4-Dioxane			
E5	2.0 M Ammonium sulfate, 5% v/v 2-Propanol			
E6	1.0 M Imidazole pH 7.0			
E7	10% w/v Polyethylene glycol 1,000, 10% w/v Polyethylene glycol 8,000			
E8	1.5 M Sodium chloride, 10% v/v Ethanol			
E9	0.1 M Sodium acetate trihydrate pH 4.6, 2.0 M Sodium chloride			
E10	0.2 M Sodium chloride, 0.1 M Sodium acetate trihydrate pH 4.6, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
E11	0.01 M Cobalt(II) chloride hexahydrate, 0.1 M Sodium acetate trihydrate pH 4.6, 1.0 M 1,6-Hexanediol			
E12	0.1 M Cadmium chloride hydrate, 0.1 M Sodium acetate trihydrate pH 4.6, 30% v/v Polyethylene glycol 400			
F1	0.2 M Ammonium sulfate, 0.1 M Sodium acetate trihydrate pH 4.6, 30% w/v Polyethylene glycol monomethyl ether 2,000			
F2	0.2 M Potassium sodium tartrate tetrahydrate, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 2.0 M Ammonium sulfate			
F3	0.5 M Ammonium sulfate, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 1.0 M Lithium sulfate monohydrate			
F4	0.5 M Sodium chloride, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 2% v/v Ethylene imine polymer			
F5	0.1 M Sodium citrate tribasic dihydrate pH 5.6, 35% v/v tert-Butanol			
F6	0.01 M Iron(III) chloride hexahydrate, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 10% v/v Jeffamine M-600			
F7	0.1 M Sodium citrate tribasic dihydrate pH 5.6, 2.5 M 1,6-Hexanediol			
F8	0.1 M MES monohydrate pH 6.5, 1.6 M Magnesium sulfate heptahydrate			
F9	0.1 M Sodium phosphate monobasic monohydrate, 0.1 M Potassium phosphate monobasic, 0.1 M MES monohydrate pH 6.5, 2.0 M Sodium chloride			
F10	0.1 M MES monohydrate pH 6.5, 12% w/v Polyethylene glycol 20,000			
F11	1.6 M Ammonium sulfate, 0.1 M MES monohydrate pH 6.5, 10% v/v 1,4-Dioxane			

F12	0.05 M Cesium chloride, 0.1 M MES monohydrate pH 6.5, 30% v/v Jeffamine M-600			
G1	0.01 M Cobalt(II) chloride hexahydrate, 0.1 M MES monohydrate pH 6.5, 1.8 M Ammonium sulfate			
G2	0.2 M Ammonium sulfate, 0.1 M MES monohydrate pH 6.5, 30% w/v Polyethylene glycol monomethyl ether 5,000			
G3	0.01 M Zinc sulfate heptahydrate, 0.1 M MES monohydrate pH 6.5, 25% v/v Polyethylene glycol monomethyl ether 550			
G4	1.6 M Sodium citrate tribasic dihydrate pH 6.5			
G5	0.5 M Ammonium sulfate, 0.1 M HEPES pH 7.5, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
G6	0.1 M HEPES pH 7.5, 10% w/v Polyethylene glycol 6,000, 5% v/v (+/-)-2-Methyl-2,4-pentanediol			
G7	0.1 M HEPES pH 7.5, 20% v/v Jeffamine M-600			
G8	0.1 M Sodium chloride, 0.1 M HEPES pH 7.5, 1.6 M Ammonium sulfate			
G9	0.1 M HEPES pH 7.5, 2.0 M Ammonium formate			
G10	0.05 M Cadmium sulfate hydrate, 0.1 M HEPES pH 7.5, 1.0 M Sodium acetate trihydrate			
G11	0.1 M HEPES pH 7.5, 70% v/v (+/-)-2-Methyl-2,4-pentanediol			
G12	0.1 M HEPES pH 7.5, 4.3 M Sodium chloride			
H1	0.1 M HEPES pH 7.5, 8% v/v Ethylene glycol, 10% w/v Polyethylene glycol 8,000			
H2	0.1 M HEPES pH 7.5, 20% w/v Polyethylene glycol 10,000			
H3	0.2 M Magnesium chloride hexahydrate, 0.1 M Tris pH 8.5, 3.4 M 1,6-Hexanediol			
H4	0.1 M Tris pH 8.5, 25% v/v tert-Butanol			
H5	0.01 M Nickel(II) chloride hexahydrate, 0.1 M Tris pH 8.5, 1.0 M Lithium sulfate monohydrate			
H6	1.5 M Ammonium sulfate, 0.1 M Tris pH 8.5, 12% v/v Glycerol			
H7	0.2 M Ammonium phosphate monobasic, 0.1 M Tris pH 8.5, 50% v/v (+/-)-2-Methyl-2,4-pentanediol			
H8	0.1 M Tris pH 8.5, 20% v/v Ethanol			
H9	0.01 M Nickel(II) chloride hexahydrate, 0.1 M Tris pH 8.5, 20% w/v Polyethylene glycol monomethyl ether 2,000			
H10	0.1 M Sodium chloride, 0.1 M BICINE pH 9.0, 20% v/v Polyethylene glycol monomethyl ether 550			
H11	0.1 M BICINE pH 9.0, 2.0 M Magnesium chloride hexahydrate			
H12	0.1 M BICINE pH 9.0, 2% v/v 1,4-Dioxane, 10% w/v Polyethylene glycol 20,000			

