

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 < 0.2mm)
- 9 Single Crystals (3D Growth > 0.2mm)

Crystal Screen 2 Cryo™ - HR2-121 Scoring Sheet

Date: _____ Date: _____ Date: _____

1.	1.6 M Sodium chloride, 8% w/v Polyethylene glycol 6,000, 20% v/v Glycerol			
2.	0.3 M Sodium chloride, 0.006 M Magnesium chloride hexahydrate, 0.006 M Hexadecyltrimethylammonium bromide, 40% v/v Glycerol			
3.	21.25% v/v Ethylene glycol, 15% v/v Glycerol			
4.	26.25% v/v 1,4-Dioxane, 25% v/v Glycerol			
5.	1.5 M Ammonium sulfate, 3.75% v/v 2-Propanol, 25% v/v Glycerol			
6.	0.65 M Imidazole pH 7.0, 35% v/v Glycerol			
7.	8% w/v Polyethylene glycol 1,000, 8% w/v Polyethylene glycol 8,000, 20% v/v Glycerol			
8.	1.05 M Sodium chloride, 7% v/v Ethanol, 30% v/v Glycerol			
9.	0.075 M Sodium acetate trihydrate pH 4.6, 1.5 M Sodium chloride, 25% v/v Glycerol			
10.	0.2 M Sodium chloride, 0.1 M Sodium acetate trihydrate pH 4.6, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
11.	0.008 M Cobalt(II) chloride hexahydrate, 0.08 M Sodium acetate trihydrate pH 4.6, 0.8 M 1,6-Hexanediol, 20% v/v Glycerol			
12.	0.095 M Cadmium chloride hydrate, 0.095 M Sodium acetate trihydrate pH 4.6, 28.5% v/v Polyethylene glycol 400, 5% v/v Glycerol			
13.	0.18 M Ammonium sulfate, 0.09 M Sodium acetate trihydrate pH 4.6, 27% v/v Polyethylene glycol monomethyl ether 2,000, 10% v/v Glycerol			
14.	0.15 M Potassium sodium tartrate tetrahydrate, 0.075 M Sodium citrate tribasic dihydrate pH 5.6, 1.5 M Ammonium sulfate, 25% v/v Glycerol			
15.	0.375 M Ammonium sulfate, 0.075 M Sodium citrate tribasic dihydrate pH 5.6, 0.75 M Lithium sulfate monohydrate, 25% v/v Glycerol			
16.	0.3 M Sodium chloride, 0.06 M Sodium citrate tribasic dihydrate pH 5.6, 1.2% v/v Ethylene imine polymer, 40% v/v Glycerol			
17.	0.08 M Sodium citrate tribasic dihydrate pH 5.6, 28% v/v tert-Butanol, 20% v/v Glycerol			
18.	0.007 M Iron(III) chloride hexahydrate, 0.07 M Sodium citrate tribasic dihydrate pH 5.6, 7% v/v Jeffamine M-600, 30% v/v Glycerol			
19.	0.095 M Sodium citrate tribasic dihydrate pH 5.6, 2.375 M 1,6-Hexanediol, 5% v/v Glycerol			
20.	0.08 M MES monohydrate pH 6.5, 1.28 M Magnesium sulfate heptahydrate, 20% v/v Glycerol			
21.	0.075 M Sodium phosphate monobasic monohydrate, 0.075 M Potassium phosphate monobasic, 0.075 M MES monohydrate pH 6.5, 1.5 M Sodium chloride, 25% v/v Glycerol			
22.	0.065 M MES monohydrate pH 6.5, 7.8% w/v Polyethylene glycol 20,000, 35% v/v Glycerol			
23.	1.2 M Ammonium sulfate, 0.075 M MES monohydrate pH 6.5, 7.5% v/v 1,4-Dioxane, 25% v/v Glycerol			
24.	0.05 M Cesium chloride, 0.1 M MES monohydrate pH 6.5, 30% v/v Jeffamine M-600			
25.	0.0075 M Cobalt(II) chloride hexahydrate, 0.075 M MES monohydrate pH 6.5, 1.35 M Ammonium sulfate, 25% v/v Glycerol			
26.	0.18 M Ammonium sulfate, 0.09 M MES monohydrate pH 6.5, 27% w/v Polyethylene glycol monomethyl ether 5,000, 10% v/v Glycerol			
27.	0.009 M Zinc sulfate heptahydrate, 0.09 M MES monohydrate pH 6.5, 22.5% v/v Polyethylene glycol monomethyl ether 550, 10% v/v Glycerol			
28.	1.6 M Sodium citrate tribasic dihydrate pH 6.5			
29.	0.5 M Ammonium sulfate, 0.1 M HEPES pH 7.5, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
30.	0.08 M HEPES pH 7.5, 8% w/v Polyethylene glycol 6,000, 4% v/v (+/-)-2-Methyl-2,4-pentanediol, 20% v/v Glycerol			
31.	0.085 M HEPES pH 7.5, 17% v/v Jeffamine M-600, 15% v/v Glycerol			
32.	0.075 M Sodium chloride, 0.075 M HEPES pH 7.5, 1.2 M Ammonium sulfate, 25% v/v Glycerol			
33.	0.07 M HEPES pH 7.5, 1.4 M Ammonium formate, 30% v/v Glycerol			
34.	0.0375 M Cadmium sulfate hydrate, 0.075 M HEPES pH 7.5, 0.75 M Sodium acetate trihydrate, 25% v/v Glycerol			
35.	0.1 M HEPES pH 7.5, 70% v/v (+/-)-2-Methyl-2,4-pentanediol			
36.	0.085 M HEPES pH 7.5, 3.655 M Sodium chloride, 15% v/v Glycerol			
37.	0.075 M HEPES pH 7.5, 7.5% w/v Polyethylene glycol 8,000, 6% v/v Ethylene glycol, 25% v/v Glycerol			
38.	0.075 M HEPES pH 7.5, 15% w/v Polyethylene glycol 10,000, 25% v/v Glycerol			
39.	0.2 M Magnesium chloride hexahydrate, 0.1 M Tris pH 8.5, 3.4 M 1,6-Hexanediol			
40.	0.075 M Tris pH 8.5, 18.75% v/v tert-Butanol, 25% v/v Glycerol			
41.	0.0075 M Nickel(II) chloride hexahydrate, 0.075 M Tris pH 8.5, 0.75 M Lithium sulfate monohydrate, 25% v/v Glycerol			
42.	1.275 M Ammonium sulfate, 0.085 M Tris pH 8.5, 25.2% v/v Glycerol			
43.	0.2 M Ammonium phosphate monobasic, 0.1 M Tris pH 8.5, 50% v/v (+/-)-2-Methyl-2,4-pentanediol			
44.	0.075 M Tris pH 8.5, 15% v/v Ethanol, 25% v/v Glycerol			
45.	0.008 M Nickel(II) chloride hexahydrate, 0.08 M Tris pH 8.5, 16% w/v Polyethylene glycol monomethyl ether 2,000, 20% v/v Glycerol			
46.	0.085 M Sodium chloride, 0.085 M BICINE pH 9.0, 17% v/v Polyethylene glycol monomethyl ether 550, 15% v/v Glycerol			
47.	0.095 M BICINE pH 9.0, 1.9 M Magnesium chloride hexahydrate, 5% v/v Glycerol			
48.	0.07 M BICINE pH 9.0, 1.4% v/v 1,4-Dioxane, 7% w/v Polyethylene glycol 20,000, 30% v/v Glycerol			