

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)

Crystal Screen™ - HR2-110 Scoring Sheet

	Date:	Date:	Date:
1. 0.02 M Calcium chloride dihydrate, 0.1 M Sodium acetate trihydrate pH 4.6, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
2. 0.4 M Potassium sodium tartrate tetrahydrate			
3. 0.4 M Ammonium phosphate monobasic			
4. 0.1 M TRIS hydrochloride pH 8.5, 2.0 M Ammonium sulfate			
5. 0.2 M Sodium citrate tribasic dihydrate, 0.1 M HEPES sodium pH 7.5, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
6. 0.2 M Magnesium chloride hexahydrate, 0.1 M TRIS hydrochloride pH 8.5, 30% w/v Polyethylene glycol 4,000			
7. 0.1 M Sodium cacodylate trihydrate pH 6.5, 1.4 M Sodium acetate trihydrate			
8. 0.2 M Sodium citrate tribasic dihydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 30% v/v 2-Propanol			
9. 0.2 M Ammonium acetate, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 30% w/v Polyethylene glycol 4,000			
10. 0.2 M Ammonium acetate, 0.1 M Sodium acetate trihydrate pH 4.6, 30% w/v Polyethylene glycol 4,000			
11. 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 1.0 M Ammonium phosphate monobasic			
12. 0.2 M Magnesium chloride hexahydrate, 0.1 M HEPES sodium pH 7.5, 30% v/v 2-Propanol			
13. 0.2 M Sodium citrate tribasic dihydrate, 0.1 M TRIS hydrochloride pH 8.5, 30% v/v Polyethylene glycol 400			
14. 0.2 M Calcium chloride dihydrate, 0.1 M HEPES sodium pH 7.5, 28% v/v Polyethylene glycol 400			
15. 0.2 M Ammonium sulfate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 30% w/v Polyethylene glycol 8,000			
16. 0.1 M HEPES sodium pH 7.5, 1.5 M Lithium sulfate monohydrate			
17. 0.2 M Lithium sulfate monohydrate, 0.1 M TRIS hydrochloride pH 8.5, 30% w/v Polyethylene glycol 4,000			
18. 0.2 M Magnesium acetate tetrahydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 20% w/v Polyethylene glycol 8,000			
19. 0.2 M Ammonium acetate, 0.1 M TRIS hydrochloride pH 8.5, 30% v/v 2-Propanol			
20. 0.2 M Ammonium sulfate, 0.1 M Sodium acetate trihydrate pH 4.6, 25% w/v Polyethylene glycol 4,000			
21. 0.2 M Magnesium acetate tetrahydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
22. 0.2 M Sodium acetate trihydrate, 0.1 M TRIS hydrochloride pH 8.5, 30% w/v Polyethylene glycol 4,000			
23. 0.2 M Magnesium chloride hexahydrate, 0.1 M HEPES sodium pH 7.5, 30% v/v Polyethylene glycol 400			
24. 0.2 M Calcium chloride dihydrate, 0.1 M Sodium acetate trihydrate pH 4.6, 20% v/v 2-Propanol			
25. 0.1 M Imidazole pH 6.5, 1.0 M Sodium acetate trihydrate			
26. 0.2 M Ammonium acetate, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 30% v/v (+/-)-2-Methyl-2,4-pentanediol			
27. 0.2 M Sodium citrate tribasic dihydrate, 0.1 M HEPES sodium pH 7.5, 20% v/v 2-Propanol			
28. 0.2 M Sodium acetate trihydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 30% w/v Polyethylene glycol 8,000			
29. 0.1 M HEPES sodium pH 7.5, 0.8 M Potassium sodium tartrate tetrahydrate			
30. 0.2 M Ammonium sulfate, 30% w/v Polyethylene glycol 8,000			
31. 0.2 M Ammonium sulfate, 30% w/v Polyethylene glycol 4,000			
32. 2.0 M Ammonium sulfate			
33. 4.0 M Sodium formate			
34. 0.1 M Sodium acetate trihydrate pH 4.6, 2.0 M Sodium formate			
35. 0.1 M HEPES sodium pH 7.5, 0.8 M Sodium phosphate monobasic monohydrate, 0.8 M Potassium phosphate monobasic			
36. 0.1 M TRIS hydrochloride pH 8.5, 8% w/v Polyethylene glycol 8,000			
37. 0.1 M Sodium acetate trihydrate pH 4.6, 8% w/v Polyethylene glycol 4,000			
38. 0.1 M HEPES sodium pH 7.5, 1.4 M Sodium citrate tribasic dihydrate			
39. 0.1 M HEPES sodium pH 7.5, 2% v/v Polyethylene glycol 400, 2.0 M Ammonium sulfate			
40. 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 20% v/v 2-Propanol, 20% w/v Polyethylene glycol 4,000			
41. 0.1 M HEPES sodium pH 7.5, 10% v/v 2-Propanol, 20% w/v Polyethylene glycol 4,000			
42. 0.05 M Potassium phosphate monobasic, 20% w/v Polyethylene glycol 8,000			
43. 30% w/v Polyethylene glycol 1,500			
44. 0.2 M Magnesium formate dihydrate			
45. 0.2 M Zinc acetate dihydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 18% w/v Polyethylene glycol 8,000			
46. 0.2 M Calcium acetate hydrate, 0.1 M Sodium cacodylate trihydrate pH 6.5, 18% w/v Polyethylene glycol 8,000			
47. 0.1 M Sodium acetate trihydrate pH 4.6, 2.0 M Ammonium sulfate			
48. 0.1 M TRIS hydrochloride pH 8.5, 2.0 M Ammonium phosphate monobasic			
49. 1.0 M Lithium sulfate monohydrate, 2% w/v Polyethylene glycol 8,000			
50. 0.5 M Lithium sulfate monohydrate, 15% w/v Polyethylene glycol 8,000			



Solutions for Crystal Growth

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