

Sample: _____ Sample Concentration: _____

Sample Buffer: _____ Date: _____

Reservoir Volume: _____ Temperature: _____

Drop Volume: Total _____ μ l Sample _____ μ l Reservoir _____ μ l Additive _____ μ l

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

- 5 Rosettes 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 - Scoring Sheet

	Date:	Date:	Date:	Date:	Date:
1. 10% PEG 6000, 2.0 M Sodium Chloride					
2. 0.5 M Sodium Chloride, 0.01 M CTAB, 0.01 M Magnesium Chloride					
3. 25% Ethylene Glycol					
4. 35% Dioxane					
5. 5% iso-Propanol, 2.0 M Ammonium Sulfate					
6. 1.0 M Imidazole pH 7.0					
7. 10% PEG 1000, 10% PEG 8000					
8. 10% Ethanol, 1.5 M Sodium Chloride					
9. 2.0 M Sodium Chloride, 0.1 M Na Acetate pH 4.6					
10. 30% MPD, 0.1 M Na Acetate pH 4.6, 0.2 M Sodium Chloride					
11. 1.0 M 1,6 Hexanediol, 0.1 M Na Acetate pH 4.6, 0.01 M Cobalt Chloride					
12. 30% PEG 400, 0.1 M Na Acetate pH 4.6, 0.1 M Cadmium Chloride					
13. 30% PEG MME 2000, 0.1 M Na Acetate pH 4.6, 0.2 M Ammonium Sulfate					
14. 2.0 M Ammonium Sulfate, 0.1 M Na Citrate pH 5.6, 0.2 M K/Na Tartrate					
15. 1.0 M Lithium Sulfate, 0.1 M Na Citrate pH 5.6, 0.5 M Ammonium Sulfate					
16. 2% Polyethyleneimine, 0.1 M Na Citrate pH 5.6, 0.5 M Sodium Chloride					
17. 35% tert-Butanol, 0.1 M Na Citrate pH 5.6					
18. 10% Jeffamine M-600, 0.1 M Na Citrate pH 5.6, 0.01 M Ferric Chloride					
19. 2.5 M 1,6 Hexanediol, 0.1 M Na Citrate pH 5.6					
20. 1.6 M Magnesium Sulfate, 0.1 M MES pH 6.5					
21. 2.0 M Sodium Chloride, 0.1 M MES pH 6.5, 0.2 M Na/K Phosphate					
22. 12% PEG 20,000, 0.1 M MES pH 6.5					
23. 10% Dioxane, 0.1 M MES pH 6.5, 1.6 M Ammonium Sulfate					
24. 30% Jeffamine M-600, 0.1 M MES pH 6.5, 0.05 M Cesium Chloride					
25. 1.8 M Ammonium Sulfate, 0.1 M MES pH 6.5, 0.01 M Cobalt Chloride					
26. 30% PEG MME 5000, 0.1 M MES pH 6.5, 0.2 M Ammonium Sulfate					
27. 25% PEG MME 550, 0.1 M MES pH 6.5, 0.01 M Zinc Sulfate					
28. 1.6 M Sodium Citrate pH 6.5					
29. 30% MPD, 0.1 M Hepes pH 7.5, 0.5 M Ammonium Sulfate					
30. 10% PEG 6000, 0.1 M Hepes pH 7.5, 5% MPD					
31. 20% Jeffamine M-600, 0.1 M Hepes pH 7.5					
32. 1.6 M Ammonium Sulfate, 0.1 M Hepes pH 7.5, 0.1 M Sodium Chloride					
33. 2.0 M Ammonium Formate, 0.1 M Hepes pH 7.5					
34. 1.0 M Sodium Acetate, 0.1 M Hepes pH 7.5, 0.05 M Cadmium Sulfate					
35. 70% MPD, 0.1 M Hepes pH 7.5					
36. 4.3 M Sodium Chloride, 0.1 M Hepes pH 7.5					
37. 10% PEG 8000, 0.1 M Hepes pH 7.5, 8% Ethylene Glycol					
38. 20% PEG 10,000, 0.1 M Hepes pH 7.5					
39. 3.4 M 1,6 Hexanediol, 0.1 M Tris pH 8.5, 0.2 M Magnesium Chloride					
40. 25% tert-Butanol, 0.1 M Tris pH 8.5					
41. 1.0 M Lithium Sulfate, 0.1 M Tris pH 8.5, 0.01 M Nickel (II) Chloride					
42. 12% Glycerol, 0.1 M Tris pH 8.5, 1.5 M Ammonium Sulfate					
43. 50% MPD, 0.1 M Tris pH 8.5, 0.2 M Ammonium Phosphate					
44. 20% Ethanol, 0.1 M Tris pH 8.5					
45. 20% PEG MME 2000, 0.1 M Tris pH 8.5, 0.01 M Nickel (II) Chloride					
46. 20% PEG MME 550, 0.1 M Bicine pH 9.0, 0.1 M Sodium Chloride					
47. 2.0 M Magnesium Chloride, 0.1 M Bicine pH 9.0					
48. 10% PEG 20,000, 0.1 M Bicine pH 9.0, 2% Dioxane					



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