

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)

PEG/Ion 2 Screen™ - HR2-098 Scoring Sheet	Date:	Date:	Date:	Date:
1. 0.1 M Sodium malonate pH 4.0, 12% w/v Polyethylene glycol 3,350				
2. 0.2 M Sodium malonate pH 4.0, 20% w/v Polyethylene glycol 3,350				
3. 0.1 M Sodium malonate pH 5.0, 12% w/v Polyethylene glycol 3,350				
4. 0.2 M Sodium malonate pH 5.0, 20% w/v Polyethylene glycol 3,350				
5. 0.1 M Sodium malonate pH 6.0, 12% w/v Polyethylene glycol 3,350				
6. 0.2 M Sodium malonate pH 6.0, 20% w/v Polyethylene glycol 3,350				
7. 0.1 M Sodium malonate pH 7.0, 12% w/v Polyethylene glycol 3,350				
8. 0.2 M Sodium malonate pH 7.0, 20% w/v Polyethylene glycol 3,350				
9. 4% v/v Tacsimate pH 4.0, 12% w/v Polyethylene glycol 3,350				
10. 8% v/v Tacsimate pH 4.0, 20% w/v Polyethylene glycol 3,350				
11. 4% v/v Tacsimate pH 5.0, 12% w/v Polyethylene glycol 3,350				
12. 8% v/v Tacsimate pH 5.0, 20% w/v Polyethylene glycol 3,350				
13. 4% v/v Tacsimate pH 6.0, 12% w/v Polyethylene glycol 3,350				
14. 8% v/v Tacsimate pH 6.0, 20% w/v Polyethylene glycol 3,350				
15. 4% v/v Tacsimate pH 7.0, 12% w/v Polyethylene glycol 3,350				
16. 8% v/v Tacsimate pH 7.0, 20% w/v Polyethylene glycol 3,350				
17. 4% v/v Tacsimate pH 8.0, 12% w/v Polyethylene glycol 3,350				
18. 8% v/v Tacsimate pH 8.0, 20% w/v Polyethylene glycol 3,350				
19. 0.1 M Succinic acid pH 7.0, 12% w/v Polyethylene glycol 3,350				
20. 0.2 M Succinic acid pH 7.0, 20% w/v Polyethylene glycol 3,350				
21. 0.1 M Ammonium citrate tribasic pH 7.0, 12% w/v Polyethylene glycol 3,350				
22. 0.2 M Ammonium citrate tribasic pH 7.0, 20% w/v Polyethylene glycol 3,350				
23. 0.1 M DL-Malic acid pH 7.0, 12% w/v Polyethylene glycol 3,350				
24. 0.2 M DL-Malic acid pH 7.0, 20% w/v Polyethylene glycol 3,350				
25. 0.1 M Sodium acetate trihydrate pH 7.0, 12% w/v Polyethylene glycol 3,350				
26. 0.2 M Sodium acetate trihydrate pH 7.0, 20% w/v Polyethylene glycol 3,350				
27. 0.1 M Sodium formate pH 7.0, 12% w/v Polyethylene glycol 3,350				
28. 0.2 M Sodium formate pH 7.0, 20% w/v Polyethylene glycol 3,350				
29. 0.1 M Ammonium tartrate dibasic pH 7.0, 12% w/v Polyethylene glycol 3,350				
30. 0.2 M Ammonium tartrate dibasic pH 7.0, 20% w/v Polyethylene glycol 3,350				
31. 2% v/v Tacsimate pH 4.0, 0.1 M Sodium acetate trihydrate pH 4.6, 16% w/v Polyethylene glycol 3,350				
32. 2% v/v Tacsimate pH 5.0, 0.1 M Sodium citrate tribasic dihydrate pH 5.6, 16% w/v Polyethylene glycol 3,350				
33. 2% v/v Tacsimate pH 6.0, 0.1 M BIS-TRIS pH 6.5, 20% w/v Polyethylene glycol 3,350				
34. 2% v/v Tacsimate pH 7.0, 0.1 M HEPES pH 7.5, 20% w/v Polyethylene glycol 3,350				
35. 2% v/v Tacsimate pH 8.0, 0.1 M Tris pH 8.5, 16% w/v Polyethylene glycol 3,350				
36. (0.07 M Citric acid, 0.03 M BIS-TRIS propane / pH 3.4), 16% w/v Polyethylene glycol 3,350				
37. (0.06 M Citric acid, 0.04 M BIS-TRIS propane / pH 4.1), 16% w/v Polyethylene glycol 3,350				
38. (0.05 M Citric acid, 0.05 M BIS-TRIS propane / pH 5.0), 16% w/v Polyethylene glycol 3,350				
39. (0.04 M Citric acid, 0.06 M BIS-TRIS propane / pH 6.4), 20% w/v Polyethylene glycol 3,350				
40. (0.03 M Citric acid, 0.07 M BIS-TRIS propane / pH 7.6), 20% w/v Polyethylene glycol 3,350				
41. (0.02 M Citric acid, 0.08 M BIS-TRIS propane / pH 8.8), 16% w/v Polyethylene glycol 3,350				
42. 0.02 M Calcium chloride dihydrate, 0.02 M Cadmium chloride hydrate, 0.02 M Cobalt(II) chloride hexahydrate, 20% w/v Polyethylene glycol 3,350				
43. 0.01 M Magnesium chloride hexahydrate, 0.005 M Nickel(II) chloride hexahydrate 0.1 M HEPES sodium pH 7.0, 15% w/v Polyethylene glycol 3,350				
44. 0.02 M Zinc chloride, 20% w/v Polyethylene glycol 3,350				
45. 0.15 M Cesium chloride, 15% w/v Polyethylene glycol 3,350				
46. 0.2 M Sodium bromide, 20% w/v Polyethylene glycol 3,350				
47. 1% w/v Tryptone, 0.05 M HEPES sodium pH 7.0, 12% w/v Polyethylene glycol 3,350				
48. 1% w/v Tryptone, 0.05 M HEPES sodium pH 7.0, 20% w/v Polyethylene glycol 3,350				



Solutions for Crystal Growth

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