

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 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)

PEG/Ion Screen™ - HR2-126 Scoring Sheet

Date: Date: Date: Date:

1.	0.2 M Sodium fluoride, 20% w/v Polyethylene glycol 3,350				
2.	0.2 M Potassium fluoride, 20% w/v Polyethylene glycol 3,350				
3.	0.2 M Ammonium fluoride, 20% w/v Polyethylene glycol 3,350				
4.	0.2 M Lithium chloride, 20% w/v Polyethylene glycol 3,350				
5.	0.2 M Magnesium chloride hexahydrate, 20% w/v Polyethylene glycol 3,350				
6.	0.2 M Sodium chloride, 20% w/v Polyethylene glycol 3,350				
7.	0.2 M Calcium chloride dihydrate, 20% w/v Polyethylene glycol 3,350				
8.	0.2 M Potassium chloride, 20% w/v Polyethylene glycol 3,350				
9.	0.2 M Ammonium chloride, 20% w/v Polyethylene glycol 3,350				
10.	0.2 M Sodium iodide, 20% w/v Polyethylene glycol 3,350				
11.	0.2 M Potassium iodide, 20% w/v Polyethylene glycol 3,350				
12.	0.2 M Ammonium iodide, 20% w/v Polyethylene glycol 3,350				
13.	0.2 M Sodium thiocyanate, 20% w/v Polyethylene glycol 3,350				
14.	0.2 M Potassium thiocyanate, 20% w/v Polyethylene glycol 3,350				
15.	0.2 M Lithium nitrate, 20% w/v Polyethylene glycol 3,350				
16.	0.2 M Magnesium nitrate hexahydrate, 20% w/v Polyethylene glycol 3,350				
17.	0.2 M Sodium nitrate, 20% w/v Polyethylene glycol 3,350				
18.	0.2 M Potassium nitrate, 20% w/v Polyethylene glycol 3,350				
19.	0.2 M Ammonium nitrate, 20% w/v Polyethylene glycol 3,350				
20.	0.2 M Magnesium formate dihydrate, 20% w/v Polyethylene glycol 3,350				
21.	0.2 M Sodium formate, 20% w/v Polyethylene glycol 3,350				
22.	0.2 M Potassium formate, 20% w/v Polyethylene glycol 3,350				
23.	0.2 M Ammonium formate, 20% w/v Polyethylene glycol 3,350				
24.	0.2 M Lithium acetate dihydrate, 20% w/v Polyethylene glycol 3,350				
25.	0.2 M Magnesium acetate tetrahydrate, 20% w/v Polyethylene glycol 3,350				
26.	0.2 M Zinc acetate dihydrate, 20% w/v Polyethylene glycol 3,350				
27.	0.2 M Sodium acetate trihydrate, 20% w/v Polyethylene glycol 3,350				
28.	0.2 M Calcium acetate hydrate, 20% w/v Polyethylene glycol 3,350				
29.	0.2 M Potassium acetate, 20% w/v Polyethylene glycol 3,350				
30.	0.2 M Ammonium acetate, 20% w/v Polyethylene glycol 3,350				
31.	0.2 M Lithium sulfate monohydrate, 20% w/v Polyethylene glycol 3,350				
32.	0.2 M Magnesium sulfate heptahydrate, 20% w/v Polyethylene glycol 3,350				
33.	0.2 M Sodium sulfate decahydrate, 20% w/v Polyethylene glycol 3,350				
34.	0.2 M Potassium sulfate, 20% w/v Polyethylene glycol 3,350				
35.	0.2 M Ammonium sulfate, 20% w/v Polyethylene glycol 3,350				
36.	0.2 M Sodium tartrate dibasic dihydrate, 20% w/v Polyethylene glycol 3,350				
37.	0.2 M Potassium sodium tartrate tetrahydrate, 20% w/v Polyethylene glycol 3,350				
38.	0.2 M Ammonium tartrate dibasic, 20% w/v Polyethylene glycol 3,350				
39.	0.2 M Sodium phosphate monobasic monohydrate, 20% w/v Polyethylene glycol 3,350				
40.	0.2 M Sodium phosphate dibasic dihydrate, 20% w/v Polyethylene glycol 3,350				
41.	0.2 M Potassium phosphate monobasic, 20% w/v Polyethylene glycol 3,350				
42.	0.2 M Potassium phosphate dibasic, 20% w/v Polyethylene glycol 3,350				
43.	0.2 M Ammonium phosphate monobasic, 20% w/v Polyethylene glycol 3,350				
44.	0.2 M Ammonium phosphate dibasic, 20% w/v Polyethylene glycol 3,350				
45.	0.2 M Lithium citrate tribasic tetrahydrate, 20% w/v Polyethylene glycol 3,350				
46.	0.2 M Sodium citrate tribasic dihydrate, 20% w/v Polyethylene glycol 3,350				
47.	0.2 M Potassium citrate tribasic monohydrate, 20% w/v Polyethylene glycol 3,350				
48.	0.2 M Ammonium citrate dibasic, 20% w/v Polyethylene glycol 3,350				



Solutions for Crystal Growth

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