

Tube #	Salt	Tube #	Buffer \diamond	Tube #	Polymer
1.	0.1 M Sodium malonate pH 4.0	1.	None	1.	12% w/v Polyethylene glycol 3,350
2.	0.2 M Sodium malonate pH 4.0	2.	None	2.	20% w/v Polyethylene glycol 3,350
3.	0.1 M Sodium malonate pH 5.0	3.	None	3.	12% w/v Polyethylene glycol 3,350
4.	0.2 M Sodium malonate pH 5.0	4.	None	4.	20% w/v Polyethylene glycol 3,350
5.	0.1 M Sodium malonate pH 6.0	5.	None	5.	12% w/v Polyethylene glycol 3,350
6.	0.2 M Sodium malonate pH 6.0	6.	None	6.	20% w/v Polyethylene glycol 3,350
7.	0.1 M Sodium malonate pH 7.0	7.	None	7.	12% w/v Polyethylene glycol 3,350
8.	0.2 M Sodium malonate pH 7.0	8.	None	8.	20% w/v Polyethylene glycol 3,350
9.	4% v/v Tacsimate pH 4.0	9.	None	9.	12% w/v Polyethylene glycol 3,350
10.	8% v/v Tacsimate pH 4.0	10.	None	10.	20% w/v Polyethylene glycol 3,350
11.	4% v/v Tacsimate pH 5.0	11.	None	11.	12% w/v Polyethylene glycol 3,350
12.	8% v/v Tacsimate pH 5.0	12.	None	12.	20% w/v Polyethylene glycol 3,350
13.	4% v/v Tacsimate pH 6.0	13.	None	13.	12% w/v Polyethylene glycol 3,350
14.	8% v/v Tacsimate pH 6.0	14.	None	14.	20% w/v Polyethylene glycol 3,350
15.	4% v/v Tacsimate pH 7.0	15.	None	15.	12% w/v Polyethylene glycol 3,350
16.	8% v/v Tacsimate pH 7.0	16.	None	16.	20% w/v Polyethylene glycol 3,350
17.	4% v/v Tacsimate pH 8.0	17.	None	17.	12% w/v Polyethylene glycol 3,350
18.	8% v/v Tacsimate pH 8.0	18.	None	18.	20% w/v Polyethylene glycol 3,350
19.	0.1 M Succinic acid pH 7.0	19.	None	19.	12% w/v Polyethylene glycol 3,350
20.	0.2 M Succinic acid pH 7.0	20.	None	20.	20% w/v Polyethylene glycol 3,350
21.	0.1 M Ammonium citrate tribasic pH 7.0	21.	None	21.	12% w/v Polyethylene glycol 3,350
22.	0.2 M Ammonium citrate tribasic pH 7.0	22.	None	22.	20% w/v Polyethylene glycol 3,350
23.	0.1 M DL-Malic acid pH 7.0	23.	None	23.	12% w/v Polyethylene glycol 3,350
24.	0.2 M DL-Malic acid pH 7.0	24.	None	24.	20% w/v Polyethylene glycol 3,350
25.	0.1 M Sodium acetate trihydrate pH 7.0	25.	None	25.	12% w/v Polyethylene glycol 3,350
26.	0.2 M Sodium acetate trihydrate pH 7.0	26.	None	26.	20% w/v Polyethylene glycol 3,350
27.	0.1 M Sodium formate pH 7.0	27.	None	27.	12% w/v Polyethylene glycol 3,350
28.	0.2 M Sodium formate pH 7.0	28.	None	28.	20% w/v Polyethylene glycol 3,350
29.	0.1 M Ammonium tartrate dibasic pH 7.0	29.	None	29.	12% w/v Polyethylene glycol 3,350
30.	0.2 M Ammonium tartrate dibasic pH 7.0	30.	None	30.	20% w/v Polyethylene glycol 3,350
31.	2% v/v Tacsimate pH 4.0	31.	0.1 M Sodium acetate trihydrate pH 4.6	31.	16% w/v Polyethylene glycol 3,350
32.	2% v/v Tacsimate pH 5.0	32.	0.1 M Sodium citrate tribasic dihydrate pH 5.6	32.	16% w/v Polyethylene glycol 3,350
33.	2% v/v Tacsimate pH 6.0	33.	0.1 M BIS-TRIS pH 6.5	33.	20% w/v Polyethylene glycol 3,350
34.	2% v/v Tacsimate pH 7.0	34.	0.1 M HEPES pH 7.5	34.	20% w/v Polyethylene glycol 3,350
35.	2% v/v Tacsimate pH 8.0	35.	0.1 M Tris pH 8.5	35.	16% w/v Polyethylene glycol 3,350
36.	None	36.	0.07 M Citric acid, 0.03 M BIS-TRIS propane / pH 3.4	36.	16% w/v Polyethylene glycol 3,350
37.	None	37.	0.06 M Citric acid, 0.04 M BIS-TRIS propane / pH 4.1	37.	16% w/v Polyethylene glycol 3,350
38.	None	38.	0.05 M Citric acid, 0.05 M BIS-TRIS propane / pH 5.0	38.	16% w/v Polyethylene glycol 3,350
39.	None	39.	0.04 M Citric acid, 0.06 M BIS-TRIS propane / pH 6.4	39.	20% w/v Polyethylene glycol 3,350
40.	None	40.	0.03 M Citric acid, 0.07 M BIS-TRIS propane / pH 7.6	40.	20% w/v Polyethylene glycol 3,350
41.	None	41.	0.02 M Citric acid, 0.08 M BIS-TRIS propane / pH 8.8	41.	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	42.	None	42.	20% w/v Polyethylene glycol 3,350
43.	0.01 M Magnesium chloride hexahydrate 0.005 M Nickel(II) chloride hexahydrate	43.	0.1 M HEPES sodium pH 7.0	43.	15% w/v Polyethylene glycol 3,350
44.	0.02 M Zinc chloride	44.	None	44.	20% w/v Polyethylene glycol 3,350
45.	0.15 M Cesium chloride	45.	None	45.	15% w/v Polyethylene glycol 3,350
46.	0.2 M Sodium bromide	46.	None	46.	20% w/v Polyethylene glycol 3,350
47.	1% w/v Tryptone	47.	0.05 M HEPES sodium pH 7.0	47.	12% w/v Polyethylene glycol 3,350
48.	1% w/v Tryptone	48.	0.05 M HEPES sodium pH 7.0	48.	20% w/v Polyethylene glycol 3,350

\diamond Buffer pH is that of a 1.0 M stock prior to dilution
with other reagent components: pH with HCl or NaOH.

PEG/Ion 2 Screen contains forty-eight unique reagents. To determine the formulation of each reagent, simply read across the page.

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Solutions for Crystal Growth

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34 Journey

Aliso Viejo, CA 92656-3317 U.S.A.

Tel: (949) 425-1321 • Fax: (949) 425-1611

E-mail: tech@hrmail.com

Website: www.hamptonresearch.com