

Tube #	Salt	Tube #	Buffer ◇	Tube #	Precipitant	Tube #	Glycerol
1.	0.02 M Calcium chloride dihydrate	1.	0.1 M Sodium acetate trihydrate pH 4.6	1.	30% v/v (+/-)-2-Methyl-2,4-pentanediol	1.	None
2.	None	2.	None	2.	0.26 M Potassium sodium tartrate tetrahydrate	2.	35% v/v
3.	None	3.	None	3.	0.26 M Ammonium phosphate monobasic	3.	35% v/v
4.	None	4.	0.075 M TRIS hydrochloride pH 8.5	4.	1.5 M Ammonium sulfate	4.	25% v/v
5.	0.2 M Sodium citrate tribasic dihydrate	5.	0.1 M HEPES sodium pH 7.5	5.	30% v/v (+/-)-2-Methyl-2,4-pentanediol	5.	None
6.	0.16 M Magnesium chloride hexahydrate	6.	0.08 M TRIS hydrochloride pH 8.5	6.	24% w/v Polyethylene glycol 4,000	6.	20% v/v
7.	None	7.	0.07 M Sodium cacodylate trihydrate pH 6.5	7.	0.98 M Sodium acetate trihydrate	7.	30% v/v
8.	0.14 M Sodium citrate tribasic dihydrate	8.	0.07 M Sodium cacodylate trihydrate pH 6.5	8.	21% v/v 2-Propanol	8.	30% v/v
9.	0.17 M Ammonium acetate	9.	0.085 M Sodium citrate tribasic dihydrate pH 5.6	9.	25.5% w/v Polyethylene glycol 4,000	9.	15% v/v
10.	0.17 M Ammonium acetate	10.	0.085 M Sodium acetate trihydrate pH 4.6	10.	25.5% w/v Polyethylene glycol 4,000	10.	15% v/v
11.	None	11.	0.07 M Sodium citrate tribasic dihydrate pH 5.6	11.	0.7 M Ammonium phosphate monobasic	11.	30% v/v
12.	0.18 M Magnesium chloride hexahydrate	12.	0.09 M HEPES sodium pH 7.5	12.	27% v/v 2-Propanol	12.	10% v/v
13.	0.2 M Sodium citrate tribasic dihydrate	13.	0.1 M TRIS hydrochloride pH 8.5	13.	30% v/v Polyethylene glycol 400	13.	None
14.	0.19 M Calcium chloride dihydrate	14.	0.095 M HEPES sodium pH 7.5	14.	26.6% v/v Polyethylene glycol 400	14.	5% v/v
15.	0.17 M Ammonium sulfate	15.	0.085 M Sodium cacodylate trihydrate pH 6.5	15.	25.5% w/v Polyethylene glycol 8,000	15.	15% v/v
16.	None	16.	0.075 M HEPES sodium pH 7.5	16.	1.125 M Lithium sulfate monohydrate	16.	25% v/v
17.	0.17 M Lithium sulfate monohydrate	17.	0.085 M TRIS hydrochloride pH 8.5	17.	25.5% w/v Polyethylene glycol 4,000	17.	15% v/v
18.	0.16 M Magnesium acetate tetrahydrate	18.	0.08 M Sodium cacodylate trihydrate pH 6.5	18.	16% w/v Polyethylene glycol 8,000	18.	20% v/v
19.	0.16 M Ammonium acetate	19.	0.08 M TRIS hydrochloride pH 8.5	19.	24% v/v 2-Propanol	19.	20% v/v
20.	0.16 M Ammonium sulfate	20.	0.08 M Sodium acetate trihydrate pH 4.6	20.	20% w/v Polyethylene glycol 4,000	20.	20% v/v
21.	0.2 M Magnesium acetate tetrahydrate	21.	0.1 M Sodium cacodylate trihydrate pH 6.5	21.	30% v/v (+/-)-2-Methyl-2,4-pentanediol	21.	None
22.	0.17 M Sodium acetate trihydrate	22.	0.085 M TRIS hydrochloride pH 8.5	22.	25.5% w/v Polyethylene glycol 4,000	22.	15% v/v
23.	0.2 M Magnesium chloride hexahydrate	23.	0.1 M HEPES sodium pH 7.5	23.	30% v/v Polyethylene glycol 400	23.	None
24.	0.14 M Calcium chloride dihydrate	24.	0.07 M Sodium acetate trihydrate pH 4.6	24.	14% v/v 2-Propanol	24.	30% v/v
25.	None	25.	0.07 M Imidazole pH 6.5	25.	0.7 M Sodium acetate trihydrate	25.	30% v/v
26.	0.2 M Ammonium acetate	26.	0.1 M Sodium citrate tribasic dihydrate pH 5.6	26.	30% v/v (+/-)-2-Methyl-2,4-pentanediol	26.	None
27.	0.14 M Sodium citrate tribasic dihydrate	27.	0.07 M HEPES sodium pH 7.5	27.	14% v/v 2-Propanol	27.	30% v/v
28.	0.17 M Sodium acetate trihydrate	28.	0.085 M Sodium cacodylate trihydrate pH 6.5	28.	25.5% w/v Polyethylene glycol 8,000	28.	15% v/v
29.	None	29.	0.065 M HEPES sodium pH 7.5	29.	0.52 M Potassium sodium tartrate tetrahydrate	29.	35% v/v
30.	0.17 M Ammonium sulfate	30.	None	30.	25.5% w/v Polyethylene glycol 8,000	30.	15% v/v
31.	0.17 M Ammonium sulfate	31.	None	31.	25.5% w/v Polyethylene glycol 4,000	31.	15% v/v
32.	None	32.	None	32.	1.5 M Ammonium sulfate	32.	25% v/v
33.	None	33.	None	33.	3.6 M Sodium formate	33.	10% v/v
34.	None	34.	0.07 M Sodium acetate trihydrate pH 4.6	34.	1.4 M Sodium formate	34.	30% v/v
35.	None	35.	0.075 M HEPES sodium pH 7.5	35.	0.6 M Sodium phosphate monobasic monohydrate 0.6 M Potassium phosphate monobasic	35.	25% v/v
36.	None	36.	0.065 M TRIS hydrochloride pH 8.5	36.	5.2% w/v Polyethylene glycol 8,000	36.	35% v/v
37.	None	37.	0.07 M Sodium acetate trihydrate pH 4.6	37.	5.6% w/v Polyethylene glycol 4,000	37.	30% v/v
38.	None	38.	0.09 M HEPES sodium pH 7.5	38.	1.26 M Sodium citrate tribasic dihydrate	38.	10% v/v
39.	None	39.	0.085 M HEPES sodium pH 7.5	39.	1.7% v/v Polyethylene glycol 400 1.7 M Ammonium sulfate	39.	15% v/v
40.	None	40.	0.095 M Sodium citrate tribasic dihydrate pH 5.6	40.	19% v/v 2-Propanol 19% w/v Polyethylene glycol 4,000	40.	5% v/v
41.	None	41.	0.085 M HEPES sodium pH 7.5	41.	8.5% v/v 2-Propanol 17% w/v Polyethylene glycol 4,000	41.	15% v/v
42.	0.04 M Potassium phosphate monobasic	42.	None	42.	16% w/v Polyethylene glycol 8,000	42.	20% v/v
43.	None	43.	None	43.	24% w/v Polyethylene glycol 1,500	43.	20% v/v
44.	None	44.	None	44.	0.1 M Magnesium formate dihydrate	44.	50% v/v
45.	0.16 M Zinc acetate dihydrate	45.	0.08 M Sodium cacodylate trihydrate pH 6.5	45.	14.4% w/v Polyethylene glycol 8,000	45.	20% v/v
46.	0.16 M Calcium acetate hydrate	46.	0.08 M Sodium cacodylate trihydrate pH 6.5	46.	14.4% w/v Polyethylene glycol 8,000	46.	20% v/v
47.	None	47.	0.08 M Sodium acetate trihydrate pH 4.6	47.	1.6 M Ammonium sulfate	47.	20% v/v
48.	None	48.	0.08 M TRIS hydrochloride pH 8.5	48.	1.6 M Ammonium phosphate monobasic	48.	20% v/v
49.	0.8 M Lithium sulfate monohydrate	49.	None	49.	1.6% w/v Polyethylene glycol 8,000	49.	20% v/v
50.	0.4 M Lithium sulfate monohydrate	50.	None	50.	12% w/v Polyethylene glycol 8,000	50.	20% v/v

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

Crystal Screen Cryo contains fifty unique reagents. To determine the formulation of each reagent, simply read across the page.