

Wizard™ III random sparse matrix crystallization screen - technical sheet

Formulations:

	crystallant	buffer	pH	salt/additive #1	additive #2
1	20%(w/v) PEG 3350			.2M ammonium citrate (dibasic)	
2	30%(v/v) MPD	.1M sodium acetate	4.6	.02M calcium chloride	
3	20%(w/v) PEG 3350			.2M magnesium formate	
4	20%(w/v) PEG 3350			.2M ammonium formate	
5	20%(w/v) PEG 3350			.2M ammonium chloride	
6	20%(w/v) PEG 3350			.2M potassium formate	
7	50%(w/v) MPD	.1M Tris	8.5	.2M ammonium phosphate (monobasic)	
8	20%(w/v) PEG 3350			.2M potassium nitrate	
9	0.8M ammonium sulfate	.1M citric acid	4.0		
10	20%(w/v) PEG 3350			.2M sodium thiocyanate	
11	20%(w/v) PEG 6000	.1M bicine	9.0		
12	10%(w/v) PEG 8000	.1M HEPES	7.5	8%(v/v) ethylene glycol	
13	8%(w/v) PEG 4000	.1M sodium acetate	4.6		
14	20%(w/v) PEG 6000	.1M citric acid	5.0		
15	1.6M Sodium citrate				
16	20%(w/v) PEG 3350			.2M potassium citrate tribasic	
17	20%(w/v) PEG 4000	.1M citrate	5.5	10%(v/v) 2-propanol	
18	20%(w/v) PEG 6000	.1M citric acid	4.0	1M lithium chloride	
19	20%(w/v) PEG 3350			.2M ammonium nitrate	
20	10%(w/v) PEG 6000	.1M HEPES	7.0		
21	1.6M Na/K phosphate	.1M HEPES	7.5		
22	20%(v/v) ethanol	.1M Tris	8.5		
23	10%(w/v) PEG 20,000	.1M bicine	9.0	2%(v/v) dioxane	
24	2M ammonium sulfate	.1M sodium acetate	4.6		
25	10%(w/v) PEG 1000			10%(w/v) PEG 8000	
26	24%(w/v) PEG 1500			20%(v/v) glycerol	
27	30%(v/v) PEG 400	.1M HEPES	7.5	.2M magnesium chloride	
28	70%(v/v) MPD	.1M HEPES	7.5		
29	40%(v/v) MPD	.1M Tris	8.0		
30	5.5%(w/v) PEG 4000			.17M ammonium sulfate	15%(v/v) glycerol
31	14%(v/v) 2-propanol	.07M sodium acetate	4.6	.14M calcium chloride	30%(v/v) glycerol
32	16%(w/v) PEG 8000			.04M potassium phosphate (monobasic)	20%(v/v) glycerol
33	1.6M magnesium sulfate	.1M MES	6.5		
34	10%(w/v) PEG 6000	.1M bicine	9.0		
35	4.4%(w/v) PEG 8000	.08M cacodylate	6.5	.16M calcium acetate	20%(v/v) glycerol
36	30%(v/v) Jeffamine M-600	.1M MES	6.5	.05M cesium chloride	
37	3.2M ammonium sulfate	.1M citric acid	5.0		
38	15%(w/v) PEG 10,000	.1M citrate	5.5	2%(v/v) dioxane	
39	20%(v/v) Jeffamine M-600	.1M HEPES	7.5		
40	10%(v/v) MPD	.1M bicine	9.0		
41	28%(v/v) PEG 400	.1M HEPES	7.5	.2M calcium chloride	
42	30%(w/v) PEG 4000	.1M Tris	8.5	.2M lithium sulfate	
43	30%(w/v) PEG 8000			.2M ammonium sulfate	
44	30%(w/v) PEG 5000 MME	.1M Tris	8.0	.2M lithium sulfate	
45	1.5M ammonium sulfate	.1M Tris	8.5		12%(v/v) glycerol
46	50%(v/v) MPD	.1M Tris	8.5	.2M ammonium phosphate (monobasic)	
47	30%(w/v) PEG 5000 MME	.1M MES	6.5	.2M ammonium sulfate	
48	20%(w/v) PEG 10,000	.1M HEPES	7.5		

All formulations are made with ultrapure ASTM Type I water and sterile-filtered stock solutions. Store at 4-25 °C.