

## Wizard: Cubic Screen

## EB-CUBIC-B

Formulation	Crystallant	Buffer	pH	Salt
A1	10% (v/v) 2-propanol	0.1M Tris base/Hydrochloric acid	7.0	0.2M Zinc acetate
A2	10% (v/v) 2-propanol	0.1M Sodium acetate/Acetic acid	4.5	0.2M Calcium acetate
A3	10% (v/v) 2-propanol	0.1M Sodium citrate/Citric acid	5.5	0.2M Lithium sulfate
A4	10% (v/v) 2-propanol	0.1M Tris base/Hydrochloric acid	7.0	0.2M Calcium acetate
A5	10% (v/v) 2-propanol	0.1M Sodium acetate/Acetic acid	4.5	0.2M Sodium chloride
A6	10% (v/v) 2-propanol	0.1M Sodium citrate/Citric acid	5.5	0.2M Magnesium chloride
A7	10% (w/v) PEG 8000	0.1M HEPES/Sodium hydroxide	7.5	0.2M Sodium chloride
A8	10% (w/v) PEG 8000	0.1M MES/Sodium hydroxide	6.0	0.2M Zinc acetate
A9	10% (w/v) PEG 8000	0.1M Sodium phosphate (monobasic)/Potassium phosphate (dibasic)	6.2	0.2M Lithium sulfate
A10	10% (w/v) PEG 8000	0.1M Sodium acetate/Acetic acid	4.5	0.2M Calcium acetate
A11	10% (w/v) PEG 8000	0.1M Tris base/Hydrochloric acid	8.5	0.2M Magnesium chloride
A12	10% (w/v) PEG 8000	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Sodium chloride
B1	10% (w/v) PEG 8000	0.1M Sodium citrate/Citric acid	5.5	0.2M Lithium sulfate
B2	10% (w/v) PEG 8000	0.1M HEPES/Sodium hydroxide	7.5	0.2M Magnesium chloride
B3	20% (w/v) PEG 2000 MME	0.1M HEPES/Sodium hydroxide	7.5	0.2M Sodium chloride
B4	20% (w/v) PEG 2000 MME	0.1M MES/Sodium hydroxide	6.0	0.2M Zinc acetate
B5	20% (w/v) PEG 2000 MME	0.1M Sodium phosphate (monobasic)/Potassium phosphate (dibasic)	6.2	0.2M Lithium sulfate
B6	20% (w/v) PEG 2000 MME	0.1M Sodium acetate/Acetic acid	4.5	0.2M Calcium acetate
B7	20% (w/v) PEG 2000 MME	0.1M Tris base/Hydrochloric acid	8.5	0.2M Magnesium chloride
B8	20% (w/v) PEG 2000 MME	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Lithium sulfate
B9	20% (w/v) PEG 2000 MME	0.1M HEPES/Sodium hydroxide	7.5	0.2M Lithium sulfate
B10	20% (v/v) 1,4-butanediol	0.1M Tris base/Hydrochloric acid	8.5	0.2M Lithium sulfate
B11	20% (v/v) 1,4-butanediol	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Calcium acetate
B12	20% (v/v) 1,4-butanediol	0.1M Sodium citrate/Citric acid	5.5	0.2M Magnesium chloride
C1	20% (v/v) 1,4-butanediol	0.1M Tris base/Hydrochloric acid	7.0	0.2M Zinc acetate
C2	20% (v/v) 1,4-butanediol	0.1M Tris base/Hydrochloric acid	8.5	0.2M Magnesium chloride
C3	20% (v/v) 1,4-butanediol	0.1M Sodium citrate/Citric acid	5.5	0.2M Sodium chloride
C4	20% (w/v) PEG 1000	0.1M HEPES/Sodium hydroxide	7.5	0.2M Sodium chloride
C5	20% (w/v) PEG 1000	0.1M MES/Sodium hydroxide	6.0	0.2M Zinc acetate
C6	20% (w/v) PEG 1000	0.1M Tris base/Hydrochloric acid	7.0	0.2M Lithium sulfate
C7	20% (w/v) PEG 1000	0.1M HEPES/Sodium hydroxide	7.5	0.2M Magnesium chloride
C8	20% (w/v) PEG 1000	0.1M MES/Sodium hydroxide	6.0	0.2M Sodium chloride
C9	2.5M Sodium chloride	0.1M HEPES/Sodium hydroxide	7.5	
C10	2.5M Sodium chloride	0.1M MES/Sodium hydroxide	6.0	0.2M Zinc acetate
C11	2.5M Sodium chloride	0.1M Tris base/Hydrochloric acid	8.5	0.2M Lithium sulfate
C12	2.5M Sodium chloride	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Calcium acetate
D1	2.5M Sodium chloride	0.1M Sodium citrate/Citric acid	5.5	0.2M Magnesium chloride
D2	2.5M Sodium chloride	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Lithium sulfate
D3	30% (w/v) PEG 400	0.1M Tris base/Hydrochloric acid	7.0	0.2M Zinc acetate
D4	30% (w/v) PEG 400	0.1M Imidazole/Hydrochloric acid	8.0	0.2M Lithium sulfate
D5	30% (w/v) PEG 400	0.1M Sodium citrate/Citric acid	5.5	0.2M Magnesium chloride
D6	30% (w/v) PEG 400	0.1M Sodium citrate/Citric acid	5.5	0.2M Lithium sulfate
D7	30% (w/v) PEG 400	0.1M Imidazole/Hydrochloric acid	8.0	0.2M Zinc acetate
D8	30% (w/v) PEG 400	0.1M Tris base/Hydrochloric acid	7.0	0.2M Sodium chloride
D9	15% (v/v) Ethanol	0.1M Sodium phosphate (monobasic)/Potassium phosphate (dibasic)	6.2	0.2M Sodium chloride
D10	15% (v/v) Ethanol	0.1M Sodium acetate/Acetic acid	4.5	0.2M Zinc acetate
D11	15% (v/v) Ethanol	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Calcium acetate
D12	15% (v/v) Ethanol	0.1M Sodium acetate/Acetic acid	4.5	0.2M Magnesium chloride

Formulation	Crystallant	Buffer	pH	Salt
E1	15% (v/v) Ethanol	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Sodium chloride
E2	10% (w/v) PEG 3000	0.1M HEPES/Sodium hydroxide	7.5	0.2M Sodium chloride
E3	10% (w/v) PEG 3000	0.1M MES/Sodium hydroxide	6.0	0.2M Zinc acetate
E4	10% (w/v) PEG 3000	0.1M Tris base/Hydrochloric acid	8.5	0.2M Calcium acetate
E5	10% (w/v) PEG 3000	0.1M Sodium citrate/Citric acid	5.5	0.2M Magnesium chloride
E6	10% (w/v) PEG 3000	0.1M Tris base/Hydrochloric acid	8.5	0.2M Lithium sulfate
E7	10% (w/v) PEG 3000	0.1M MES/Sodium hydroxide	6.0	0.2M Lithium sulfate
E8	1.0M Ammonium phosphate dibasic	0.1M HEPES/Sodium hydroxide	7.5	0.2M Sodium chloride
E9	1.0M Ammonium phosphate dibasic	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Sodium chloride
E10	1.26M Ammonium phosphate dibasic	0.1M Sodium phosphate (monobasic)/Potassium phosphate (dibasic)	6.2	0.2M Lithium sulfate
E11	1.26M Ammonium phosphate dibasic	0.1M Tris base/Hydrochloric acid	7.0	0.2M Magnesium chloride
E12	1.26M Ammonium phosphate dibasic	0.1M Imidazole/Hydrochloric acid	8.0	0.2M Lithium sulfate
F1	1.26M Ammonium phosphate dibasic	0.1M Sodium citrate/Citric acid	5.5	0.2M Sodium chloride
F2	20% (w/v) PEG 8000	0.1M HEPES/Sodium hydroxide	7.5	0.2M Sodium chloride
F3	20% (w/v) PEG 8000	0.1M Tris base/Hydrochloric acid	7.0	0.2M Zinc acetate
F4	20% (w/v) PEG 8000	0.1M Imidazole/Hydrochloric acid	8.0	0.2M Lithium sulfate
F5	20% (w/v) PEG 8000	0.1M Sodium acetate/Acetic acid	4.5	0.2M Magnesium chloride
F6	20% (w/v) PEG 8000	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Sodium chloride
F7	20% (w/v) PEG 8000	0.1M Tris base/Hydrochloric acid	7.0	0.2M Magnesium chloride
F8	1.0M Sodium citrate	0.1M HEPES/Sodium hydroxide	7.5	0.2M Sodium chloride
F9	1.0M Sodium citrate	0.1M MES/Sodium hydroxide	6.0	0.2M Zinc acetate
F10	1.0M Sodium citrate	0.1M Imidazole/Hydrochloric acid	8.0	0.2M Lithium sulfate
F11	1.0M Sodium citrate	0.1M Sodium acetate/Acetic acid	4.5	0.2M Magnesium chloride
F12	1.0M Sodium citrate	0.1M Tris base/Hydrochloric acid	8.5	0.2M Lithium sulfate
G1	1.0M Sodium citrate	0.1M MES/Sodium hydroxide	6.0	0.2M Magnesium chloride
G2	10% (v/v) 2-propanol	0.1M Sodium acetate/Acetic acid	4.5	0.2M Lithium sulfate
G3	10% (v/v) 2-propanol	0.1M Sodium citrate/Citric acid	5.5	0.2M Sodium chloride
G4	10% (w/v) PEG 8000	0.1M Sodium acetate/Acetic acid	4.5	0.2M Magnesium chloride
G5	10% (w/v) PEG 8000	0.1M Tris base/Hydrochloric acid	8.5	0.2M Sodium chloride
G6	20% (w/v) PEG 2000 MME	0.1M Sodium acetate/Acetic acid	4.5	0.2M Zinc acetate
G7	20% (w/v) PEG 2000 MME	0.1M Tris base/Hydrochloric acid	8.5	0.2M Lithium sulfate
G8	20% (v/v) 1,4-butanediol	0.1M Tris base/Hydrochloric acid	8.5	0.2M Sodium chloride
G9	20% (v/v) 1,4-butanediol	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Lithium sulfate
G10	20% (w/v) PEG 1000	0.1M HEPES/Sodium hydroxide	7.5	0.2M Lithium sulfate
G11	20% (w/v) PEG 1000	0.1M MES/Sodium hydroxide	6.0	0.2M Magnesium chloride
G12	2.5M Sodium chloride	0.1M MES/Sodium hydroxide	6.0	0.2M Lithium sulfate
H1	30% (w/v) PEG 8000	0.1M Tris base/Hydrochloric acid	8.5	0.2M Lithium sulfate
H2	30% (w/v) PEG 8000	0.1M Sodium cacodylate/Hydrochloric acid	6.5	0.2M Calcium acetate
H3	30% (w/v) PEG 400	0.1M MES/Sodium hydroxide	6.0	0.2M Magnesium chloride
H4	30% (w/v) PEG 400	0.1M Tris base/Hydrochloric acid	7.0	0.2M Lithium sulfate
H5	10% (w/v) PEG 3000	0.1M HEPES/Sodium hydroxide	7.5	0.2M Lithium sulfate
H6	10% (w/v) PEG 3000	0.1M MES/Sodium hydroxide	6.0	0.2M Magnesium chloride
H7	1.0M Sodium citrate	0.1M Imidazole/Hydrochloric acid	8.0	0.2M Magnesium chloride
H8	1.0M Sodium citrate	0.1M Tris base/Hydrochloric acid	8.5	0.2M Sodium chloride
H9	2.5M Sodium malonate	0.1M Tris base/Hydrochloric acid	7.0	
H10	2.5M Sodium malonate	0.1M Sodium acetate/Acetic acid	4.5	
H11	2.5M Sodium malonate	0.1M Tris base/Hydrochloric acid	8.5	
H12	2.5M Sodium malonate	0.1M Imidazole/Hydrochloric acid	8.0	