

Wizard: JCSG+

EB-JCSG-B

Formulation	Crystallant 1	Crystallant 2	Buffer (0.1 M)	pH	Additive #1	Additive #2	Additive #3	Additive #4
A1	50% (v/v) PEG 400		Sodium acetate/Acetic acid	4.5	200mM Lithium sulfate			
A2	20% (w/v) PEG 3000		Ammonium citrate (tribasic)/Citric acid	5.5				
A3	20% (w/v) PEG 3350				200 mM Ammonium citrate			
A4	30% (v/v) MPD		Sodium acetate/Acetic acid	4.6	20mM Calcium chloride			
A5	20% (w/v) PEG 3350				200 mM Magnesium formate			
A6	20% (w/v) PEG 1000		Sodium phosphate/Citric acid	5.2	200mM Lithium sulfate			
A7	20% (w/v) PEG 8000		CHES/Sodium hydroxide	9.5				
A8	20% (w/v) PEG 3350				200mM Ammonium formate			
A9	20% (w/v) PEG 3350				200mM Ammonium chloride			
A10	20% (w/v) PEG 3350				200mM Potassium formate			
A11	50% (v/v) MPD		Tris base/Hydrochloric acid	8.5	200mM Ammonium phosphate			
A12	20% (w/v) PEG 3350				200mM Potassium nitrate			
B1	800mM Ammonium sulfate (dibasic)		Sodium citrate/Citric acid	4				
B2	20% (w/v) PEG 3350				200mM Sodium isothiocyanate			
B3	20% (w/v) PEG 6000		Bicine/Sodium hydroxide	9				
B4	10% (w/v) PEG 8000	8% (v/v) Ethylene Glycol	HEPES/Sodium hydroxide	7.5				
B5	40% (v/v) MPD	5% (w/v) PEG 8000	Cacodylate/Hydrochloric acid	6.5				
B6	40% (v/v) Ethanol	5% (w/v) PEG 1000	Sodium phosphate/Citric acid	4.2				
B7	8% (w/v) PEG 4000		Sodium acetate/Acetic acid	5.6				
B8	10% (w/v) PEG 8000		Tris base/Hydrochloric acid	7	200mM Magnesium chloride			
B9	20% (w/v) PEG 6000		Sodium citrate/Citric acid	5				
B10	50% (v/v) PEG 200		Cacodylate/Hydrochloric acid	6.5	200mM Magnesium chloride			
B11	1600mM Sodium citrate							
B12	20% (w/v) PEG 3350				200mM Potassium citrate			
C1	20% (w/v) PEG 8000		Sodium phosphate/Citric acid	4.2	200mM Sodium chloride			
C2	20% (w/v) PEG 6000	1000mM Lithium chloride	Sodium citrate/Citric acid	4				
C3	20% (w/v) PEG 3350				200mM Ammonium nitrate			
C4	10% (w/v) PEG 6000		HEPES/Sodium hydroxide	7				
C5	800mM Potassium phosphate	800mM Sodium phosphate	HEPES/Sodium hydroxide	7.5				
C6	40% (v/v) PEG 300		Sodium phosphate/Citric acid	4.2				
C7	10% (w/v) PEG 3000		Sodium acetate/Acetic acid	4.5	200mM Zinc acetate			
C8	20% (v/v) Ethanol		Tris base/Hydrochloric acid	8.5				
C9	25% (v/v) 1,2-Propanediol	10% (v/v) Glycerol	Sodium/potassium phosphate	6.2				
C10	10% (w/v) PEG 20000	2% (v/v) Dioxane	Bicine/Sodium hydroxide	9				
C11	2000mM Ammonium sulfate (dibasic)		Sodium acetate/Acetic acid	4.6				
C12	10% (w/v) PEG 1000	10% (w/v) PEG 8000						
D1	24% (w/v) PEG 1500	20% (v/v) Glycerol						
D2	30% (v/v) PEG 400		HEPES/Sodium hydroxide	7.5	200mM Magnesium chloride			
D3	50% (v/v) PEG 200		Sodium/potassium phosphate	6.2	200mM Sodium chloride			
D4	30% (w/v) PEG 8000		Sodium acetate/Acetic acid	4.5	200mM Lithium sulfate			
D5	70% (v/v) MPD		HEPES/Sodium hydroxide	7.5				
D6	20% (w/v) PEG 8000		Tris base/Hydrochloric acid	8.5	200mM Magnesium chloride			
D7	40% (v/v) PEG 400		Tris base/Hydrochloric acid	8.5	200mM Lithium sulfate			
D8	40% (v/v) MPD		Tris base/Hydrochloric acid	8				
D9	25.5% (w/v) PEG 4000	15% (v/v) Glycerol			170mM Ammonium sulfate			
D10	40% (v/v) PEG 300		Cacodylate/Hydrochloric acid	6.5	200mM Calcium acetate			
D11	14% (v/v) 2-Propanol	30% (v/v) Glycerol	70mM Sodium acetate/Acetic acid	4.6	140mM Calcium chloride			
D12	20% (v/v) Glycerol	16% (w/v) PEG 8000			40mM Potassium phosphate			

Formulation	Crystallant 1	Crystallant 2	Buffer (0.1 M)	pH	Additive #1	Additive #2	Additive #3	Additive #4
E1	1000mM Sodium citrate		Cacodylate/Hydrochloric acid	6.5				
E2	2000mM Ammonium sulfate (dibasic)		Cacodylate/Hydrochloric acid	6.5	200mM Sodium chloride			
E3	10% (v/v) 2-Propanol		HEPES/Sodium hydroxide	7.5	200mM Sodium chloride			
E4	1260mM Ammonium sulfate (dibasic)		Tris base/Hydrochloric acid	8.5	200mM Lithium sulfate			
E5	40% (v/v) MPD		CAPS/Sodium hydroxide	10.5				
E6	20% (w/v) PEG 3000		Imidazole/Hydrochloric acid	8	200mM Zinc acetate			
E7	10% (v/v) 2-Propanol		Cacodylate/Hydrochloric acid	6.5	200mM Zinc acetate			
E8	1000mM Ammonium phosphate (dibasic)		Sodium acetate/Acetic acid	4.5				
E9	1600mM Magnesium sulfate		MES/Sodium hydroxide	6.5				
E10	10% (w/v) PEG 6000		Bicine/Sodium hydroxide	9				
E11	14.4% (w/v) PEG 8000	20% (v/v) Glycerol	80mM Cacodylate/Hydrochloric acid	6.5	160mM Calcium acetate			
E12	10% (w/v) PEG 8000		Imidazole/Hydrochloric acid	8				
F1	30% (v/v) Jeffamine M-600		MES/Sodium hydroxide	6.5	50mM Cesium chloride			
F2	3150mM Ammonium sulfate (dibasic)		Sodium citrate/Citric acid	5				
F3	20% (v/v) MPD		Tris base/Hydrochloric acid	8				
F4	20% (v/v) Jeffamine M-600 pH 7.0		HEPES/Sodium hydroxide	6.5				
F5	50% (v/v) Ethylene glycol		Tris base/Hydrochloric acid	8.5	200mM Magnesium chloride			
F6	10% (v/v) MPD		Bicine/Sodium hydroxide	9				
F7	800mM Succinic Acid pH 7.0							
F8	2100mM DL Malic acid							
F9	2400mM Sodium malonate							
F10	1100mM Sodium malonate	0.5% (w/v) Jeffamine ED 2001 pH 7.0	HEPES/Sodium hydroxide	7				
F11	500mM Succinic acid pH 7.0	1% (w/v) PEG 2000 MME	HEPES/Sodium hydroxide	7				
F12	30% (v/v) Jeffamine M-600 pH 7.0		HEPES/Sodium hydroxide	7				
G1	30% (w/v) Jeffamine ED 2001 pH 7.0		HEPES/Sodium hydroxide	7				
G2	22% (w/v) polyacrylic acid 5100 sodium salt		HEPES/Sodium hydroxide	7	20mM Magnesium chloride			
G3	20% (w/v) Polyvinylpyrrolidone K15		Tris base/Hydrochloric acid	8.5	100mM Cobalt chloride			
G4	20% (w/v) PEG 2000 MME	200mM Trimethylamine n-oxide	Tris base/Hydrochloric acid	8.5				
G5	12% (w/v) PEG 3350		HEPES/Sodium hydroxide	7.5	5mM Nickel chloride	5mM Cobalt chloride	5mM Magnesium chloride	5mM Cadmium chloride
G6	20% (w/v) PEG 3350				200mM Sodium malonate			
G7	15% (w/v) PEG 3350	100mM Succinic acid pH 7.0						
G8	20% (w/v) PEG 3350	150mM DL Malic acid						
G9	30% (w/v) PEG 2000 MME				100mM Potassium thiocyanate			
G10	30% (w/v) PEG 2000 MME				150mM Potassium bromide			
G11	2000mM Ammonium sulfate (dibasic)		Bis-tris/Hydrochloric acid	5.5				
G12	3000mM Sodium chloride		Bis-tris/Hydrochloric acid	5.5				
H1	300mM Magnesium formate		Bis-tris/Hydrochloric acid	5.5				
H2	100mM Ammonium sulfate	1% (w/v) PEG 3350	Bis-tris/Hydrochloric acid	5.5				
H3	25% (w/v) PEG 3350		Bis-tris/Hydrochloric acid	5.5				
H4	45% (v/v) MPD		Bis-tris/Hydrochloric acid	5.5	200mM Calcium chloride			
H5	45% (v/v) MPD		Bis-tris/Hydrochloric acid	5.5	200mM ammonium acetate			
H6	17%(w/v) PEG 10000		Bis-tris/Hydrochloric acid	5.5	100mM Ammonium acetate			
H7	25% (w/v) PEG 3350		Bis-tris/Hydrochloric acid	5.5	200mM Ammonium sulfate			
H8	25% (w/v) PEG 3350		Bis-tris/Hydrochloric acid	5.5	200mM Sodium chloride			
H9	25% (w/v) PEG 3350		Bis-tris/Hydrochloric acid	5.5	200mM Lithium sulfate			
H10	25% (w/v) PEG 3350		Bis-tris/Hydrochloric acid	5.5	200mM Ammonium acetate			
H11	25% (w/v) PEG 3350		Bis-tris/Hydrochloric acid	5.5	200mM Magnesium chloride			
H12	45% (v/v) MPD		HEPES/Sodium hydroxide	7.5	200mM Ammonium acetate			