

# Crystal Screen

Tube	Salt	Buffer $\diamond$	Precipitant
A1	0.02 M Calcium chloride dihydrate	0.1 M Sodium acetate trihydrate pH 4.6	30% v/v (+/-)-2-Methyl-2,4-pentanediol
A2			0.4 M Potassium sodium tartrate tetrahydrate
A3			0.4 M Ammonium phosphate monobasic
A4		0.1 M TRIS hydrochloride pH 8.5	2.0 M Ammonium sulfate
A5	0.2 M Sodium citrate tribasic dihydrate	0.1 M HEPES sodium pH 7.5	30% v/v (+/-)-2-Methyl-2,4-pentanediol
A6	0.2 M Magnesium chloride hexahydrate	0.1 M TRIS hydrochloride pH 8.5	30% w/v Polyethylene glycol 4,000
A7		0.1 M Sodium cacodylate trihydrate pH 6.5	1.4 M Sodium acetate trihydrate
A8	0.2 M Sodium citrate tribasic dihydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	30% v/v 2-Propanol
A9	0.2 M Ammonium acetate	0.1 M Sodium citrate tribasic dihydrate pH 5.6	30% w/v Polyethylene glycol 4,000
A10	0.2 M Ammonium acetate	0.1 M Sodium acetate trihydrate pH 4.6	30% w/v Polyethylene glycol 4,000
A11		0.1 M Sodium citrate tribasic dihydrate pH 5.6	1.0 M Ammonium phosphate monobasic
A12	0.2 M Magnesium chloride hexahydrate	0.1 M HEPES sodium pH 7.5	30% v/v 2-Propanol
B1	0.2 M Sodium citrate tribasic dihydrate	0.1 M TRIS hydrochloride pH 8.5	30% v/v Polyethylene glycol 400
B2	0.2 M Calcium chloride dihydrate	0.1 M HEPES sodium pH 7.5	28% v/v Polyethylene glycol 400
B3	0.2 M Ammonium sulfate	0.1 M Sodium cacodylate trihydrate pH 6.5	30% w/v Polyethylene glycol 8,000
B4		0.1 M HEPES sodium pH 7.5	1.5 M Lithium sulfate monohydrate
B5	0.2 M Lithium sulfate monohydrate	0.1 M TRIS hydrochloride pH 8.5	30% w/v Polyethylene glycol 4,000
B6	0.2 M Magnesium acetate tetrahydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	20% w/v Polyethylene glycol 8,000
B7	0.2 M Ammonium acetate	0.1 M TRIS hydrochloride pH 8.5	30% v/v 2-Propanol
B8	0.2 M Ammonium sulfate	0.1 M Sodium acetate trihydrate pH 4.6	25% w/v Polyethylene glycol 4,000
B9	0.2 M Magnesium acetate tetrahydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	30% v/v (+/-)-2-Methyl-2,4-pentanediol
B10	0.2 M Sodium acetate trihydrate	0.1 M TRIS hydrochloride pH 8.5	30% w/v Polyethylene glycol 4,000
B11	0.2 M Magnesium chloride hexahydrate	0.1 M HEPES sodium pH 7.5	30% v/v Polyethylene glycol 400
B12	0.2 M Calcium chloride dihydrate	0.1 M Sodium acetate trihydrate pH 4.6	20% v/v 2-Propanol
C1		0.1 M Imidazole pH 6.5	1.0 M Sodium acetate trihydrate
C2	0.2 M Ammonium acetate	0.1 M Sodium citrate tribasic dihydrate pH 5.6	30% v/v (+/-)-2-Methyl-2,4-pentanediol
C3	0.2 M Sodium citrate tribasic dihydrate	0.1 M HEPES sodium pH 7.5	20% v/v 2-Propanol
C4	0.2 M Sodium acetate trihydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	30% w/v Polyethylene glycol 8,000
C5		0.1 M HEPES sodium pH 7.5	0.8 M Potassium sodium tartrate tetrahydrate
C6	0.2 M Ammonium sulfate		30% w/v Polyethylene glycol 8,000
C7	0.2 M Ammonium sulfate		30% w/v Polyethylene glycol 4,000
C8			2.0 M Ammonium sulfate
C9			4.0 M Sodium formate
C10		0.1 M Sodium acetate trihydrate pH 4.6	2.0 M Sodium formate
C11		0.1 M HEPES sodium pH 7.5	0.8 M Sodium phosphate monobasic monohydrate 0.8 M Potassium phosphate monobasic
C12		0.1 M TRIS hydrochloride pH 8.5	8% w/v Polyethylene glycol 8,000
D1		0.1 M Sodium acetate trihydrate pH 4.6	8% w/v Polyethylene glycol 4,000
D2		0.1 M HEPES sodium pH 7.5	1.4 M Sodium citrate tribasic dihydrate
D3		0.1 M HEPES sodium pH 7.5	2% v/v Polyethylene glycol 400 2.0 M Ammonium sulfate
D4		0.1 M Sodium citrate tribasic dihydrate pH 5.6	20% v/v 2-Propanol 20% w/v Polyethylene glycol 4,000
D5		0.1 M HEPES sodium pH 7.5	10% v/v 2-Propanol 20% w/v Polyethylene glycol 4,000
D6	0.05 M Potassium phosphate monobasic		20% w/v Polyethylene glycol 8,000
D7			30% w/v Polyethylene glycol 1,500
D8			0.2 M Magnesium formate dihydrate
D9	0.2 M Zinc acetate dihydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	18% w/v Polyethylene glycol 8,000
D10	0.2 M Calcium acetate hydrate	0.1 M Sodium cacodylate trihydrate pH 6.5	18% w/v Polyethylene glycol 8,000
D11		0.1 M Sodium acetate trihydrate pH 4.6	2.0 M Ammonium sulfate
D12		0.1 M TRIS hydrochloride pH 8.5	2.0 M Ammonium phosphate monobasic

## Crystal Screen 2

Tube	Salt	Buffer ◊	Precipitant
E1	2.0 M Sodium chloride		10% w/v Polyethylene glycol 6,000
E2	0.5 M Sodium chloride 0.01 M Magnesium chloride hexahydrate		0.01 M Hexadecyltrimethylammonium bromide
E3			25% v/v Ethylene glycol
E4			35% v/v 1,4-Dioxane
E5	2.0 M Ammonium sulfate		5% v/v 2-Propanol
E6			1.0 M Imidazole pH 7.0
E7			10% w/v Polyethylene glycol 1,000 10% w/v Polyethylene glycol 8,000
E8	1.5 M Sodium chloride		10% v/v Ethanol
E9		0.1 M Sodium acetate trihydrate pH 4.6	2.0 M Sodium chloride
E10	0.2 M Sodium chloride	0.1 M Sodium acetate trihydrate pH 4.6	30% v/v (+/-)-2-Methyl-2,4-pentanediol
E11	0.01 M Cobalt(II) chloride hexahydrate	0.1 M Sodium acetate trihydrate pH 4.6	1.0 M 1,6-Hexanediol
E12	0.1 M Cadmium chloride hydrate	0.1 M Sodium acetate trihydrate pH 4.6	30% v/v Polyethylene glycol 400
F1	0.2 M Ammonium sulfate	0.1 M Sodium acetate trihydrate pH 4.6	30% w/v Polyethylene glycol monomethyl ether 2,000
F2	0.2 M Potassium sodium tartrate tetrahydrate	0.1 M Sodium citrate tribasic dihydrate pH 5.6	2.0 M Ammonium sulfate
F3	0.5 M Ammonium sulfate	0.1 M Sodium citrate tribasic dihydrate pH 5.6	1.0 M Lithium sulfate monohydrate
F4	0.5 M Sodium chloride	0.1 M Sodium citrate tribasic dihydrate pH 5.6	2% v/v Ethylene imine polymer
F5		0.1 M Sodium citrate tribasic dihydrate pH 5.6	35% v/v tert-Butanol
F6	0.01 M Iron(III) chloride hexahydrate	0.1 M Sodium citrate tribasic dihydrate pH 5.6	10% v/v Jeffamine ® M-600 ®
F7		0.1 M Sodium citrate tribasic dihydrate pH 5.6	2.5 M 1,6-Hexanediol
F8		0.1 M MES monohydrate pH 6.5	1.6 M Magnesium sulfate heptahydrate
F9	0.1 M Sodium phosphate monobasic monohydrate 0.1 M Potassium phosphate monobasic	0.1 M MES monohydrate pH 6.5	2.0 M Sodium chloride
F10		0.1 M MES monohydrate pH 6.5	12% w/v Polyethylene glycol 20,000
F11	1.6 M Ammonium sulfate	0.1 M MES monohydrate pH 6.5	10% v/v 1,4-Dioxane
F12	0.05 M Cesium chloride	0.1 M MES monohydrate pH 6.5	30% v/v Jeffamine ® M-600 ®
G1	0.01 M Cobalt(II) chloride hexahydrate	0.1 M MES monohydrate pH 6.5	1.8 M Ammonium sulfate
G2	0.2 M Ammonium sulfate	0.1 M MES monohydrate pH 6.5	30% w/v Polyethylene glycol monomethyl ether 5,000
G3	0.01 M Zinc sulfate heptahydrate	0.1 M MES monohydrate pH 6.5	25% v/v Polyethylene glycol monomethyl ether 550
G4			1.6 M Sodium citrate tribasic dihydrate pH 6.5
G5	0.5 M Ammonium sulfate	0.1 M HEPES pH 7.5	30% v/v (+/-)-2-Methyl-2,4-pentanediol
G6		0.1 M HEPES pH 7.5	10% w/v Polyethylene glycol 6,000 5% v/v (+/-)-2-Methyl-2,4-pentanediol
G7		0.1 M HEPES pH 7.5	20% v/v Jeffamine ® M-600 ®
G8	0.1 M Sodium chloride	0.1 M HEPES pH 7.5	1.6 M Ammonium sulfate
G9		0.1 M HEPES pH 7.5	2.0 M Ammonium formate
G10	0.05 M Cadmium sulfate hydrate	0.1 M HEPES pH 7.5	1.0 M Sodium acetate trihydrate
G11		0.1 M HEPES pH 7.5	70% v/v (+/-)-2-Methyl-2,4-pentanediol
G12		0.1 M HEPES pH 7.5	4.3 M Sodium chloride
H1		0.1 M HEPES pH 7.5	10% w/v Polyethylene glycol 8,000 8% v/v Ethylene glycol
H2		0.1 M HEPES pH 7.5	20% w/v Polyethylene glycol 10,000
H3	0.2 M Magnesium chloride hexahydrate	0.1 M Tris pH 8.5	3.4 M 1,6-Hexanediol
H4		0.1 M Tris pH 8.5	25% v/v tert-Butanol
H5	0.01 M Nickel(II) chloride hexahydrate	0.1 M Tris pH 8.5	1.0 M Lithium sulfate monohydrate
H6	1.5 M Ammonium sulfate	0.1 M Tris pH 8.5	12% v/v Glycerol
H7	0.2 M Ammonium phosphate monobasic	0.1 M Tris pH 8.5	50% v/v (+/-)-2-Methyl-2,4-pentanediol
H8		0.1 M Tris pH 8.5	20% v/v Ethanol
H9	0.01 M Nickel(II) chloride hexahydrate	0.1 M Tris pH 8.5	20% w/v Polyethylene glycol monomethyl ether 2,000
H10	0.1 M Sodium chloride	0.1 M BICINE pH 9.0	20% v/v Polyethylene glycol monomethyl ether 550
H11		0.1 M BICINE pH 9.0	2.0 M Magnesium chloride hexahydrate
H12		0.1 M BICINE pH 9.0	2% v/v 1,4-Dioxane