

Wizard Cryo 1 and 2 block

(96 formulations; 1.7 ml each in a 96-well block plate)

1008649

Well	Precipitation Reagent	Buffer	Salt	
A1	40% (v/v) MPD	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2		
A2	40% (v/v) Ethylene glycol	100 mM Sodium acetate/ Acetic acid pH 4.5		
A3	50% (v/v) PEG 200	100 mM Sodium citrate/ Citric acid pH 5.5		
A4	40% (v/v) PEG 300	100 mM HEPES/ Sodium hydroxide pH 7.5	200 mM Sodium chloride	
A5	40% (v/v) PEG 400	100 mM Sodium citrate/ Citric acid pH 5.5	200 mM Magnesium chloride	
A6	40% (v/v) PEG 600	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5	200 mM Calcium acetate	
A7	40% (v/v) Reagent alcohol	100 mM Tris base/ Hydrochloric acid pH 8.5	50 mM Magnesium chloride	
A8	35% (v/v) 2-Ethoxyethanol	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5		
A9	35% (v/v) 2-Propanol	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2		
A10	45% (v/v) Glycerol	100 mM Imidazole/ Hydrochloric acid pH 8.0		
A11	35% (v/v) MPD	100 mM Tris base/ Hydrochloric acid pH 8.5	200 mM Ammonium sulfate	
A12	50% (v/v) Ethylene glycol	100 mM Sodium acetate/ Acetic acid pH 4.5	5% (w/v) PEG 1000	
B1	30% (v/v) PEG 200	100 mM MES/ Sodium hydroxide pH 6.0	5% (w/v) PEG 3000	
B2	20% (v/v) PEG 300	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	200 mM Ammonium sulfate	10% (v/v) Glycerol
B3	50% (v/v) PEG 400	100 mM CHES/ Sodium hydroxide pH 9.5	200 mM Sodium chloride	
B4	30% (v/v) PEG 600	100 mM MES/ Sodium hydroxide pH 6.0	5% (w/v) PEG 1000	10% (v/v) Glycerol
B5	40% (v/v) 1,2-Propanediol	100 mM HEPES/ Sodium hydroxide pH 7.5		
B6	35% (v/v) 2-Ethoxyethanol	100 mM Imidazole/ Hydrochloric acid pH 8.0	50 mM Calcium acetate	
B7	35% (v/v) 2-Propanol	100 mM Tris base/ Hydrochloric acid pH 8.5		
B8	30% (v/v) 1,2-Propanediol	100 mM Sodium citrate/ Citric acid pH 5.5	20% (v/v) MPD	
B9	40% (v/v) 1,2-Propanediol	100 mM Sodium acetate/ Acetic acid pH 4.5	50 mM Calcium acetate	
B10	40% (v/v) Ethylene glycol	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2		
B11	40% (v/v) MPD	100 mM Tris base/ Hydrochloric acid pH 7.0	200 mM Ammonium sulfate	
B12	40% (v/v) PEG 400	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2	200 mM Sodium chloride	
C1	30% (v/v) PEG 200	100 mM Tris base/ Hydrochloric acid pH 8.5	200 mM Ammonium phosphate dibasic	
C2	40% (v/v) PEG 300	100 mM CHES/ Sodium hydroxide pH 9.5	200 mM Sodium chloride	
C3	30% (v/v) PEG 400	100 mM CAPS/ Sodium hydroxide pH 10.5	500 mM Lithium sulfate	10% (v/v) Glycerol
C4	30% (v/v) PEG 600	100 mM HEPES/ Sodium hydroxide pH 7.5	50 mM Lithium sulfate	10% (v/v) Glycerol
C5	40% (v/v) PEG 300	100 mM CHES/ Sodium hydroxide pH 9.5	200 mM Sodium citrate tribasic	
C6	35% (v/v) 2-Ethoxyethanol	100 mM Sodium citrate/ Citric acid pH 5.5		
C7	40% (v/v) 1,2-Propanediol	100 mM Sodium citrate/ Citric acid pH 5.5	5% (w/v) PEG 1000	
C8	40% (v/v) 1,2-Propanediol	100 mM CHES/ Sodium hydroxide pH 9.5	200 mM Sodium citrate tribasic	
C9	25% (v/v) 1,2-Propanediol	100 mM Imidazole/ Hydrochloric acid pH 8.0	200 mM Zinc acetate	10% (v/v) Glycerol
C10	40% (v/v) MPD	100 mM Imidazole/ Hydrochloric acid pH 8.0	200 mM Magnesium chloride	
C11	40% (v/v) Ethylene glycol	100 mM HEPES/ Sodium hydroxide pH 7.5	5% (w/v) PEG 3000	
C12	50% (v/v) PEG 200	100 mM Tris base/ Hydrochloric acid pH 7.0	50 mM Lithium sulfate	
D1	40% (v/v) PEG 300	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5	200 mM Calcium acetate	
D2	40% (v/v) PEG 400	100 mM Tris base/ Hydrochloric acid pH 8.5	200 mM Lithium sulfate	
D3	40% (v/v) PEG 600	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2		
D4	40% (v/v) Reagent alcohol	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	5% (w/v) PEG 1000	
D5	25% (v/v) 1,2-Propanediol	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	5% (w/v) PEG 3000	10% (v/v) Glycerol
D6	40% (v/v) Ethylene glycol	100 mM Tris base/ Hydrochloric acid pH 7.0		
D7	50% (v/v) Ethylene glycol	100 mM Tris base/ Hydrochloric acid pH 8.5	200 mM Magnesium chloride	
D8	50% (v/v) PEG 200	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5	200 mM Zinc acetate	
D9	20% (v/v) PEG 300	100 mM Tris base/ Hydrochloric acid pH 8.5	5% (w/v) PEG 8000	10% (v/v) Glycerol
D10	40% (v/v) PEG 400	100 mM MES/ Sodium hydroxide pH 6.0	5% (w/v) PEG 3000	
D11	50% (v/v) PEG 400	100 mM Sodium acetate/ Acetic acid pH 4.5	200 mM Lithium sulfate	
D12	40% (v/v) PEG 600	100 mM Imidazole/ Hydrochloric acid pH 8.0	200 mM Zinc acetate	



Rigaku is proudly represented in
Australia and New Zealand by
AXT Pty. Ltd.
1/3 Vuko Pl., Warriewood
NSW 2102 Australia
T. +61 (0)2 9450 1359 F. +61 (0)2 9450 1365
W. www.axt.com.au E. info@axt.com.au

Well	Precipitation Reagent	Buffer	Salt	
E1	40% (v/v) MPD	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5		5% (w/v) PEG 8000
E2	50% (v/v) PEG 200	100 mM CHES/ Sodium hydroxide pH 9.5		
E3	40% (v/v) Ethylene glycol	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	200 mM Ammonium sulfate	
E4	40% (v/v) PEG 400	100 mM HEPES free acid/ Sodium hydroxide pH 7.5	200 mM Calcium acetate	
E5	40% (v/v) PEG 300	100 mM Tris base/ Hydrochloric acid pH 7.0		5% (w/v) PEG 1000
E6	30% (v/v) PEG 600	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5	1000 mM Sodium chloride	10% (v/v) Glycerol
E7	40% (v/v) Reagent alcohol	100 mM Tris base/ Hydrochloric acid pH 7.0		
E8	35% (v/v) 2-Ethoxyethanol	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2	200 mM Sodium chloride	
E9	35% (v/v) 2-Propanol	100 mM Imidazole/ Hydrochloric acid pH 8.0	50 mM Zinc acetate	
E10	40% (v/v) 1,2-Propanediol	100 mM Sodium acetate/ Acetic acid pH 4.5		
E11	25% (v/v) 1,2-Propanediol	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2		10% (v/v) Glycerol
E12	40% (v/v) 1,2-Propanediol	100 mM Sodium citrate tribasic/ Citric acid pH 5.5	200 mM Sodium chloride	
F1	35% (v/v) MPD	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5	50 mM Zinc acetate	
F2	40% (v/v) Ethylene glycol	100 mM Imidazole/ Hydrochloric acid pH 8.0	200 mM Calcium acetate	
F3	50% (v/v) PEG 200	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2	200 mM Sodium chloride	
F4	20% (v/v) PEG 300	100 mM Imidazole/ Hydrochloric acid pH 8.0	1000 mM Ammonium sulfate	10% (v/v) Glycerol
F5	50% (v/v) PEG 400	100 mM MES/ Sodium hydroxide pH 6.0		
F6	40% (v/v) PEG 300	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2		
F7	40% (v/v) PEG 600	100 mM Sodium acetate/ Acetic acid pH 4.5	200 mM Magnesium chloride	
F8	50% (v/v) Ethylene glycol	100 mM CHES/ Sodium hydroxide pH 9.5	500 mM Potassium sodium tartrate	
F9	35% (v/v) 2-Ethoxyethanol	100 mM Tris base/ Hydrochloric acid pH 8.5	200 mM Lithium sulfate	
F10	35% (v/v) 2-Propanol	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5	200 mM Magnesium chloride	
F11	30% (v/v) 1,2-Propanediol	100 mM HEPES free acid/ Sodium hydroxide pH 7.5		20% (v/v) PEG 400
F12	25% (v/v) 1,2-Propanediol	100 mM Tris base/ Hydrochloric acid pH 8.5	200 mM Magnesium chloride	10% (v/v) Glycerol
G1	40% (v/v) MPD	100 mM CAPS/ Sodium hydroxide pH 10.5		
G2	40% (v/v) Ethylene glycol	100 mM MES/ Sodium hydroxide pH 6.0	200 Zinc acetate	
G3	50% (v/v) PEG 200	100 mM Tris base/ Hydrochloric acid pH 7.0		
G4	40% (v/v) PEG 300	100 mM Imidazole/ Hydrochloric acid pH 8.0	200 Zinc acetate	
G5	30% (v/v) PEG 400	100 mM HEPES free acid/ Sodium hydroxide pH 7.5	5% (w/v) PEG 3000	10% (v/v) Glycerol
G6	40% (v/v) PEG 600	100 mM Sodium citrate tribasic/ Citric acid pH 5.5		
G7	40% (v/v) PEG 600	100 mM CHES/ Sodium hydroxide pH 9.5		
G8	35% (v/v) 2-Propanol	100 mM Sodium acetate/ Acetic acid pH 4.5		
G9	45% (v/v) Glycerol	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5	200 mM Calcium acetate	
G10	25% (v/v) 1,2-Propanediol	100 mM Tris base/ Hydrochloric acid pH 7.0	200 mM Ammonium sulfate	10% (v/v) Glycerol
G11	40% (v/v) MPD	100 mM Sodium citrate tribasic/ Citric acid pH 5.5		
G12	50% (v/v) PEG 200	100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5	200 mM Magnesium chloride	
H1	50% (v/v) Ethylene glycol	100 mM Imidazole/ Hydrochloric acid pH 8.0		
H2	40% (v/v) PEG 400	100 mM Sodium acetate/ Acetic acid pH 4.5		
H3	30% (v/v) PEG 600	100 mM Tris base/ Hydrochloric acid pH 7.0	500 mM Ammonium sulfate	10% (v/v) Glycerol
H4	40% (v/v) MPD	100 mM CHES/ Sodium hydroxide pH 9.5		
H5	50% (v/v) Ethylene glycol	100 mM HEPES free acid/ Sodium hydroxide pH 7.5	200 mM Lithium sulfate	
H6	30% (v/v) PEG 200	100 mM Sodium acetate/ Acetic acid pH 4.5	100 mM Sodium chloride	
H7	40% (v/v) PEG 400	100 mM Imidazole/ Hydrochloric acid pH 8.0		
H8	35% (v/v) MPD	100 mM Sodium acetate/ Acetic acid pH 4.5		10% (v/v) Glycerol
H9	40% (v/v) PEG 300	100 mM Sodium acetate/ Acetic acid pH 4.5	200 mM Sodium chloride	
H10	30% (v/v) PEG 200	100 mM CAPS/ Sodium hydroxide pH 10.5	200 mM Ammonium sulfate	
H11	50% (v/v) PEG 200	100 mM HEPES free acid/ Sodium hydroxide pH 7.5		
H12	50% (v/v) PEG 200	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	200 mM Sodium chloride	



Rigaku is proudly represented in
Australia and New Zealand by
AXT Pty. Ltd.
1/3 Vuko Pl., Warriewood
NSW 2102 Australia
T. +61 (0)2 9450 1359 F. +61 (0)2 9450 1365
W. www.axt.com.au E. info@axt.com.au