JCSG Core Suite 2

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

1009843

Well	Buffer	Precipitation Reagent 1	Precipitation Reagent 2	Salt
A1	100 mM CAPS/ Sodium hydroxide pH 10.5	20% (w/v) PEG 8000		200 mM Sodium chloride
A2	100 mM CHES/ Sodium hydroxide pH 9.5	1260 mM Ammonium sulfate		200 mM Sodium chloride
A3	100 mM CHES/ Sodium hydroxide pH 9.5			1000 mM Sodium citrate tribasic
A4	100 mM CHES/ Sodium hydroxide pH 9.5	10% (w/v) PEG 8000		200 mM Sodium chloride
A5	100 mM Bicine/ Sodium hydroxide pH 9.0	10% (w/v) PEG 20000	2% (v/v) 1, 4- Dioxane	
A6	100 mM Bicine/ Sodium hydroxide pH 9.0	20% (v/v) PEG 550 MME		100 mM Sodium chloride
A7	100 mM Bicine/ Sodium hydroxide pH 9.0	10% (w/v) PEG 6000		1000 mM Lithium chloride
A8	100 mM Tris base/ Hydrochloric acid pH 8.5	20% (v/v) PEG 300	5% (w/v) PEG 8000 10% (v/v) Glycerol	
A9	100 mM Tris base/ Hydrochloric acid pH 8.5	20% (w/v) PEG 2000 MME		10 mM Nickel (II) chloride
A10	100 mM Tris base/ Hydrochloric acid pH 8.5	20% (v/v) Ethanol		
A11	100 mM Tris hydrochloride/ Sodium hydroxide pH 8.5			2000 mM Ammonium phosphate monobasic
A12	100 mM Tris hydrochloride/ Sodium hydroxide pH 8.5	8% (w/v) PEG 8000		
B1	100 mM Tris hydrochloride/ Sodium hydroxide pH 8.5			2000 mM Ammonium sulfate
B2	100 mM Tris base/ Hydrochloric acid pH 8.5	40% (v/v) PEG 400		200 mM Lithium sulfate
B3	100 mM Imidazole/ Hydrochloric acid pH 8.0	10% (w/v) PEG 8000		200 mM Calcium acetate
B4	100 mM Imidazole/ Hydrochloric acid pH 8.0	35% (v/v) MPD		200 mM Magnesium chloride
B5	100 mM Tris base/ Hydrochloric acid pH 8.5	20% (w/v) PEG 6000		1000 mM Lithium chloride
B6	100 mM Tris base/ Hydrochloric acid pH 8.5	20% (w/v) PEG 6000		
B7		20% (w/v) PEG 3350		200 mM Lithium acetate
B8	100 mM Imidazole/ Hydrochloric acid pH 8.0	40% (v/v) MPD		200 mM Magnesium chloride
B9	100 mM HEPES free acid/ Sodium hydroxide pH 7.5	15% (v/v) Ethanol		200 mM Magnesium chloride
B10	100 mM HEPES free acid/ Sodium hydroxide pH 7.5	70% (v/v) MPD		
B11	85 mM HEPES sodium salt/ Hydrochloric acid pH 7.5	17% (w/v) PEG 4000	15% (v/v) Glycerol 8.5% (v/v) 2- Propanol	
B12	75 mM HEPES sodium salt/ Hydrochloric acid pH 7.5	25% (v/v) Glycerol	600 mM Potassium phosphate monobasic	600 mM Sodium phosphate monobasic
C1	90 mM HEPES sodium salt/ Hydrochloric acid pH 7.5	27% (v/v) PEG 400	10% (v/v) Glycerol	180 mM Magnesium chloride
C2	100 mM HEPES sodium salt/ Hydrochloric acid pH 7.5	2% (v/v) PEG 400		2000 mM Ammonium sulfate
C3	100 mM HEPES sodium salt/ Hydrochloric acid pH 7.5	30% (v/v) PEG 400		200 mM Magnesium chloride
C4	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2	50% (v/v) PEG 200		200 mM Sodium chloride
C5		20% (w/v) PEG 3350		200 mM Sodium fluoride
C6	100 mM Tris base/ Hydrochloric acid pH 7.0	2000 mM Ammonium sulfate		200 mM Lithium sulfate
C7	100 mM Sodium cacodylate/ Hydrochloride pH 6.5	40% (v/v) PEG 300		200 mM Calcium acetate
C8	100 mM Tris base/ Hydrochloric acid pH 7.0	20% (w/v) PEG 1000		
C9	100 mM HEPES free acid/ Sodium hydroxide pH 7.0	10% (w/v) PEG 6000		1000 mM Lithium chloride
C10	100 mM HEPES free acid/ Sodium hydroxide pH 6.5	10% (w/v) PEG 6000		
C11	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2	40% (v/v) PEG 400		200 mM Sodium chloride
C12	100 mM Sodium citrate tribasic/ Hydrochloric acid pH 5.5	50% (v/v) PEG 200		
D1	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2	25% (v/v) 1, 2- Propanediol	10% (v/v) Glycerol	
D2		20% (w/v) PEG 3350		200 mM Sodium nitrate
D3	100 mM Tris base/ Hydrochloric acid pH 7.0	50% (v/v) PEG 200		50 mM Lithium sulfate
D4		20% (w/v) PEG 3350		200 mM Potassium sulfate
D5				200 mM Magnesium formate
D6	100 mM Sodium citrate tribasic/ Hydrochloric acid pH 5.5	40% (v/v) PEG 600		
D7	100 mM Sodium cacodylate/ Hydrochloride pH 6.5	20% (w/v) PEG 1000		200 mM Magnesium chloride
D8	100 mM Sodium cacodylate/ Hydrochloride pH 6.5	10% (w/v) PEG 3000		200 mM Magnesium chloride
D9	100 mM Sodium cacodylate/ Hydrochloride pH 6.5	30% (v/v) PEG 400		200 mM Lithium sulfate
D10	100 mM Sodium cacodylate/ Hydrochloride pH 6.5	2000 mM Ammonium sulfate		200 mM Sodium chloride
D11	100 mM MES/ Sodium hydroxide pH 6.5	12% (w/v) PEG 20000		
D12		20% (w/v) PEG 3350		200 mM Lithium sulfate

TECHNICAL SHEET

Well	Buffer	Precipitation Reagent 1	Precipitation Reagent 2	Salt
E1	100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2	20% (w/v) PEG 1000		200 mM Sodium chloride
E2	100 mM MES/ Sodium hydroxide pH 5.0	10% (v/v) MPD		
E3	100 mM MES/ Sodium hydroxide pH 6.0	20% (w/v) PEG 6000		1000 mM Lithium chloride
E4	100 mM MES/ Sodium hydroxide pH 6.0	10% (w/v) PEG 6000		1000 mM Lithium chloride
E5	100 mM MES/ Sodium hydroxide pH 5.0	5% (w/v) PEG 6000		
E6	100 mM Imidazole/ Hydrochloric acid pH 8.0	25% (v/v) 1,2- Propanediol	10% (v/v) Glycerol	200 mM Zinc acetate
E7	100 mM Imidazole/ Hydrochloric acid pH 8.0	40% (v/v) PEG 600		200 mM Zinc acetate
E8	100 mM Tris base/ Hydrochloric acid pH 7.0	30% (v/v) PEG 600	10% (v/v) Glycerol	500 mM Ammonium sulfate
E9	100 mM Sodium citrate tribasic/ Hydrochloric acid pH 5.6	1000 mM Lithium sulfate		500 mM Ammonium sulfate
E10	100 mM Sodium citrate tribasic/ Hydrochloric acid pH 5.6	30% (w/v) PEG 4000		200 mM Ammonium acetate
E11		24% (w/v) PEG 1500	20% (v/v) Glycerol	
E12	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	40% (v/v) PEG 300		200 mM Sodium chloride
F1	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	35% (v/v) MPD	10% (v/v) Glycerol	
F2	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	40% (v/v) PEG 300		
F3	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	50% (v/v) Ethylene glycol	5% (w/v) PEG 1000	
F4	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	30% (v/v) PEG 200		100 mM Sodium chloride
F5	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	40% (v/v) 1,2- Propanediol		
F6	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	40% (v/v) Ethylene glycol		
F7	100 mM Sodium acetate/ Hydrochloric acid pH 5.0	10% (v/v) MPD		
F8	100 mM Citric acid/ Sodium hydroxide pH 4.0			2400 mM Ammonium sulfate
F9	100 mM Citric acid/ Sodium hydroxide pH 4.0			1600 mM Ammonium sulfate
F10	100 mM Citric acid/ Sodium hydroxide pH 4.0			800 mM Ammonium sulfate
F11	100 mM Citric acid/ Sodium hydroxide pH 5.0	20% (w/v) PEG 6000		1000 mM Lithium chloride
F12	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	25% (v/v) 1,2- Propanediol	10% (v/v) Glycerol 5% (w/v) PEG 3000	
G1		5% (v/v) 2- Propanol		2000 mM Ammonium sulfate
G2				2000 mM Ammonium sulfate
G3	100 mM MES/ Sodium hydroxide pH 5.5	40% (v/v) PEG 400		200 mM Magnesium chloride
G4	100 mM Sodium acetate/ Hydrochloric acid pH 4.6	1000 mM 1,6- Hexanediol		10 mM Cobaltous chloride
G5	80 mM Sodium acetate/ Hydrochloric acid pH 4.6	20% (v/v) Glycerol		1600 mM Ammonium sulfate
G6	70 mM Sodium acetate/ Hydrochloric acid pH 4.6	30% (v/v) Glycerol	5.6% (w/v) PEG 4000	
G7	70 mM Sodium acetate/ Hydrochloric acid pH 4.6	30% (v/v) Glycerol	14% (v/v) 2- Propanol	140 mM Calcium chloride
G8	80 mM Sodium acetate/ Hydrochloric acid pH 4.6	20% (v/v) Glycerol	20% (w/v) PEG 4000	160 mM Ammonium sulfate
G9	90 mM Sodium acetate/ Hydrochloric acid pH 4.6	27% (v/v) MPD	10% (v/v) Glycerol	18 mM Calcium chloride
G10	100 mM Sodium acetate/ Hydrochloric acid pH 4.6			2000 mM Ammonium sulfate
G11	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	10% (w/v) PEG 3000		200 mM Zinc acetate
G12	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	20% (v/v) PEG 300	10% (v/v) Glycerol	200 mM Ammonium sulfate
H1	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	30% (v/v) PEG 400		200 mM Calcium acetate
H2	100 mM Sodium acetate/ Hydrochloric acid pH 4.5	30% (w/v) PEG 8000		200 mM Lithium sulfate
H3		25% (v/v) Ethylene glycol		
H4	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	10% (v/v) 2-Propanol		200 mM Lithium sulfate
H5	100 mM Sodium phosphate dibasic/ Citric acid pH 4.2	20% (w/v) PEG 8000		200 mM Sodium chloride
H6		10% (w/v) PEG 8000	10% (w/v) PEG 1000	
H7		25.5% (w/v) PEG 4000	15% (v/v) Glycerol	170 mM Ammonium sulfate
H8		30% (w/v) PEG 1500		
H9				400 mM Ammonium phosphate monobasic
H10		35% (v/v) 1,4- Dioxane		
H11	100 mM Citric acid/ Sodium hydroxide pH 2.5	10% (v/v) MPD		
H12	100 mM Citric acid/ Sodium hydroxide pH 2.5	20% (w/v) PEG 6000		

7865 NE Day Road West, STE 109 Bainbridge Island, WA USA 98110 Main Office: 1-855-528-5644 Fax: 1-206-452-7061