

Wizard Precipitant Synergy – 96-well matrix block

(192 formulations, 1.7 ml each in two 96-well block plate)

1008652

Block 1	Precipitant #1	Precipitant #2	Additive	Buffer
A1	2M Ammonium sulfate	2%(v/v) PEG 400		0.1M Sodium acetate/ Acetic acid pH 5.5
A2	1.34M Ammonium sulfate	1.34%(v/v) PEG 400		0.1M Sodium acetate/ Acetic acid pH 5.5
A3	0.66M Ammonium sulfate	0.66%(v/v) PEG 400		0.1M Sodium acetate/ Acetic acid pH 5.5
A4	2M Ammonium sulfate	10%(v/v) Glycerol	0.05M Magnesium sulfate	0.1M Imidazole/ Hydrochloric acid pH 6.5
A5	1.34M Ammonium sulfate	6.7%(v/v) Glycerol	0.05M Magnesium sulfate	0.1M Imidazole/ Hydrochloric acid pH 6.5
A6	0.66M Ammonium sulfate	3.3%(v/v) Glycerol	0.05M Magnesium sulfate	0.1M Imidazole/ Hydrochloric acid pH 6.5
A7	2M Ammonium sulfate	1%(v/v) MPD		0.1M HEPES/ Sodium hydroxide pH 7.5
A8	1.34M Ammonium sulfate	0.67%(v/v) MPD		0.1M HEPES/ Sodium hydroxide pH 7.5
A9	0.66M Ammonium sulfate	0.33%(v/v) MPD		0.1M HEPES/ Sodium hydroxide pH 7.5
A10	2M Ammonium sulfate	5%(v/v) PEG 400	0.05M Magnesium sulfate	0.1M Tris base/ Hydrochloric acid pH 8.5
A11	1.34M Ammonium sulfate	3.35%(v/v) PEG 400	0.05M Magnesium sulfate	0.1M Tris base/ Hydrochloric acid pH 8.5
A12	0.66M Ammonium sulfate	1.65%(v/v) PEG 400	0.05M Magnesium sulfate	0.1M Tris base/ Hydrochloric acid pH 8.5
B1	3.9M Sodium chloride	2%(v/v) PEG 400	0.1M Magnesium chloride	0.1M Sodium acetate/ Acetic acid pH 5.5
B2	2.613M Sodium chloride	1.34%(v/v) PEG 400	0.1M Magnesium chloride	0.1M Sodium acetate/ Acetic acid pH 5.5
B3	1.287M Sodium chloride	0.66%(v/v) PEG 400	0.1M Magnesium chloride	0.1M Sodium acetate/ Acetic acid pH 5.5
B4	3M Sodium chloride	5%(v/v) MPD	0.1M Calcium chloride	0.1M Imidazole/ Hydrochloric acid pH 6.5
B5	2.01M Sodium chloride	3.35%(v/v) MPD	0.1M Calcium chloride	0.1M Imidazole/ Hydrochloric acid pH 6.5
B6	0.99M Sodium chloride	1.65%(v/v) MPD	0.1M Calcium chloride	0.1M Imidazole/ Hydrochloric acid pH 6.5
B7	4M Sodium chloride	5%(v/v) Isopropanol		0.1M HEPES/ Sodium hydroxide pH 7.5
B8	2.68M Sodium chloride	3.35%(v/v) Isopropanol		0.1M HEPES/ Sodium hydroxide pH 7.5
B9	1.32M Sodium chloride	1.65%(v/v) Isopropanol		0.1M HEPES/ Sodium hydroxide pH 7.5
B10	5%(v/v) Isopropanol			2.5M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 5.5
B11	3.35%(v/v) Isopropanol			1.675M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 5.5
B12	1.65%(v/v) Isopropanol			0.825M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 5.5
C1	2%(v/v) PEG 400			2M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 6.5
C2	1.34%(v/v) PEG 400			1.34M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 6.5
C3	0.66%(v/v) PEG 400			0.66M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 6.5
C4	20%(v/v) Glycerol			2.5M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 7.5
C5	13.4%(v/v) Glycerol			1.675M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 7.5
C6	6.6%(v/v) Glycerol			0.825M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 7.5
C7	8%(v/v) MPD			1M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 8.5
C8	5.36%(v/v) MPD			0.67M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 8.5
C9	2.64%(v/v) MPD			0.33M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 8.5
C10	1%(v/v) MPD			2M Ammonium citrate/Citric acid pH 4.5
C11	0.67%(v/v) MPD			1.34M Ammonium citrate/Citric acid pH 4.5
C12	0.33%(v/v) MPD			0.66M Ammonium citrate/Citric acid pH 4.5
D1	5%(v/v) Isopropanol			2M Ammonium citrate/Citric acid pH 6.5
D2	3.35%(v/v) Isopropanol			1.34M Ammonium citrate/Citric acid pH 6.5
D3	1.65%(v/v) Isopropanol			0.66M Ammonium citrate/Citric acid pH 6.5
D4	5%(v/v) PEG 400			2M Ammonium citrate/Citric acid pH 7.5
D5	3.35%(v/v) PEG 400			1.34M Ammonium citrate/Citric acid pH 7.5
D6	1.65%(v/v) PEG 400			0.66M Ammonium citrate/Citric acid pH 7.5
D7	2M Lithium sulfate	5%(v/v) Isopropanol	0.1M Magnesium sulfate	0.1M Sodium acetate/ Acetic acid pH 4.5
D8	1.34M Lithium sulfate	3.35%(v/v) Isopropanol	0.1M Magnesium sulfate	0.1M Sodium acetate/ Acetic acid pH 4.5
D9	0.66M Lithium sulfate	1.65%(v/v) Isopropanol	0.1M Magnesium sulfate	0.1M Sodium acetate/ Acetic acid pH 4.5
D10	2M Lithium sulfate	5%(v/v) PEG 400	0.1M Magnesium sulfate	0.1M Sodium acetate/ Acetic acid pH 5.5
D11	1.34M Lithium sulfate	3.35%(v/v) PEG 400	0.1M Magnesium sulfate	0.1M Sodium acetate/ Acetic acid pH 5.5
D12	0.66M Lithium sulfate	1.65%(v/v) PEG 400	0.1M Magnesium sulfate	0.1M Sodium acetate/ Acetic acid pH 5.5

Block 1	Precipitant #1	Precipitant #2	Additive	Buffer
E1	1.7M Lithium sulfate	6.8%(v/v) MPD		0.085M Imidazole/ Hydrochloric acid pH 6.5
E2	1.139M Lithium sulfate	4.556%(v/v) MPD		0.085M Imidazole/ Hydrochloric acid pH 6.5
E3	0.561M Lithium sulfate	2.24%(v/v) MPD		0.085M Imidazole/ Hydrochloric acid pH 6.5
E4	2M Lithium sulfate	2%(v/v) PEG 400		0.1M Tris base/ Hydrochloric acid pH 8.5
E5	1.34M Lithium sulfate	1.34%(v/v) PEG 400		0.1M Tris base/ Hydrochloric acid pH 8.5
E6	0.66M Lithium sulfate	0.66%(v/v) PEG 400		0.1M Tris base/ Hydrochloric acid pH 8.5
E7	0.95M Lithium sulfate	14.25%(v/v) MPD	0.095M Magnesium sulfate	0.095M Sodium acetate/ Acetic acid pH 4.5
E8	0.6365M Lithium sulfate	9.5475%(v/v) MPD	0.095M Magnesium sulfate	0.095M Sodium acetate/ Acetic acid pH 4.5
E9	0.314M Lithium sulfate	4.70%(v/v) MPD	0.095M Magnesium sulfate	0.095M Sodium acetate/ Acetic acid pH 4.5
E10	22.5%(v/v) MPD			0.675M Ammonium citrate/Citric acid pH 5.5
E11	15.075%(v/v) MPD			0.453M Ammonium citrate/Citric acid pH 5.5
E12	7.425%(v/v) MPD			0.223M Ammonium citrate/Citric acid pH 5.5
F1	1.5M Ammonium sulfate	12%(v/v) Isopropanol		0.1M Imidazole/ Hydrochloric acid pH 6.5
F2	1.005M Ammonium sulfate	8.04%(v/v) Isopropanol		0.1M Imidazole/ Hydrochloric acid pH 6.5
F3	0.495M Ammonium sulfate	3.96%(v/v) Isopropanol		0.1M Imidazole/ Hydrochloric acid pH 6.5
F4	1.3M Sodium chloride	30%(v/v) Isopropanol	0.1M Calcium chloride	0.1M Imidazole/ Hydrochloric acid pH 6.5
F5	0.871M Sodium chloride	20.1%(v/v) Isopropanol	0.1M Calcium chloride	0.1M Imidazole/ Hydrochloric acid pH 6.5
F6	0.429M Sodium chloride	9.9%(v/v) Isopropanol	0.1M Calcium chloride	0.1M Imidazole/ Hydrochloric acid pH 6.5
F7	4M Sodium chloride	10%(v/v) PEG 400		0.1M HEPES/ Sodium hydroxide pH 7.5
F8	2.68M Sodium chloride	6.7%(v/v) PEG 400		0.1M HEPES/ Sodium hydroxide pH 7.5
F9	1.32M Sodium chloride	3.3%(v/v) PEG 400		0.1M HEPES/ Sodium hydroxide pH 7.5
F10	20%(v/v) PEG 400			0.5M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 7.5
F11	13.4%(v/v) PEG 400			0.335M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 7.5
F12	6.6%(v/v) PEG 400			0.165M Potassium phosphate dibasic/ Sodium phosphate monobasic pH 7.5
G1	15%(v/v) Isopropanol			1M Ammonium citrate/ Ammonium hydroxide pH 8.5
G2	10.05%(v/v) Isopropanol			0.67M Ammonium citrate/ Ammonium hydroxide pH 8.5
G3	4.95%(v/v) Isopropanol			0.33M Ammonium citrate/ Ammonium hydroxide pH 8.5
G4	2M Sodium formate	15%(v/v) Isopropanol	2.5%(w/v) PEG 3350	0.1M Tris base/ Hydrochloric acid pH 8.5
G5	1.34M Sodium formate	10.05%(v/v) Isopropanol	1.675%(w/v) PEG 3350	0.1M Tris base/ Hydrochloric acid pH 8.5
G6	0.66M Sodium formate	4.95%(v/v) Isopropanol	0.825%(w/v) PEG 3350	0.1M Tris base/ Hydrochloric acid pH 8.5
G7	30%(v/v) MPD	25%(w/v) PEG 1500		0.1M Sodium acetate/ Acetic acid pH 4.5
G8	20.1%(v/v) MPD	16.75%(w/v) PEG 1500		0.1M Sodium acetate/ Acetic acid pH 4.5
G9	9.9%(v/v) MPD	8.25%(w/v) PEG 1500		0.1M Sodium acetate/ Acetic acid pH 4.5
G10	30%(v/v) MPD	15%(w/v) PEG 8000	0.1M Calcium chloride	0.1M Sodium acetate/ Acetic acid pH 5.5
G11	20.1%(v/v) MPD	10.05%(w/v) PEG 8000	0.1M Calcium chloride	0.1M Sodium acetate/ Acetic acid pH 5.5
G12	9.9%(v/v) MPD	4.95%(w/v) PEG 8000	0.1M Calcium chloride	0.1M Sodium acetate/ Acetic acid pH 5.5
H1	30%(v/v) MPD	10%(w/v) PEG 3350	.2M Ammonium sulfate	0.1M Imidazole/ Hydrochloric acid pH 6.5
H2	20.1%(v/v) MPD	6.7%(w/v) PEG 3350	0.2M Ammonium sulfate	0.1M Imidazole/ Hydrochloric acid pH 6.5
H3	9.9%(v/v) MPD	3.3%(w/v) PEG 3350	0.2M Ammonium sulfate	0.1M Imidazole/ Hydrochloric acid pH 6.5
H4	30%(v/v) MPD	4%(w/v) PEG 1500		0.1M HEPES/ Sodium hydroxide pH 7.5
H5	20.1%(v/v) MPD	2.68%(w/v) PEG 1500		0.1M HEPES/ Sodium hydroxide pH 7.5
H6	9.9%(v/v) MPD	1.32%(w/v) PEG 1500		0.1M HEPES/ Sodium hydroxide pH 7.5
H7	30%(v/v) MPD	8%(w/v) PEG 8000	.5M Sodium chloride	0.1M Tris base/ Hydrochloric acid pH 8.5
H8	20.1%(v/v) MPD	5.36%(w/v) PEG 8000	0.5M Sodium chloride	0.1M Tris base/ Hydrochloric acid pH 8.5
H9	9.9%(v/v) MPD	2.64%(w/v) PEG 8000	0.5M Sodium chloride	0.1M Tris base/ Hydrochloric acid pH 8.5
H10	30%(v/v) Isopropanol	4%(w/v) PEG 3350	0.1M Calcium chloride	0.1M Sodium acetate/ Acetic acid pH 4.5
H11	20.1%(v/v) Isopropanol	2.68%(w/v) PEG 3350	0.1M Calcium chloride	0.1M Sodium acetate/ Acetic acid pH 4.5
H12	9.9%(v/v) Isopropanol	1.32%(w/v) PEG 3350	0.1M Calcium chloride	0.1M Sodium acetate/ Acetic acid pH 4.5