

Wizard JCSG+

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

1008651

| Well | Precipitation Reagent | Buffer | Salt | Additive |
|------|--------------------------------------|---|-------------------------------------|--------------------------|
| A1 | 50% (v/v) PEG 400 | 100 mM Sodium acetate/ Acetic acid pH 4.5 | 200 mM Lithium sulfate | |
| A2 | 20% (w/v) PEG 3000 | 100 mM Sodium citrate/ Citric acid pH 5.5 | | |
| A3 | 20% (w/v) PEG 3350 | | 200 mM Ammonium citrate dibasic | |
| A4 | 30% (v/v) MPD | 100 mM Sodium acetate/ Acetic acid pH 4.6 | 20 mM Calcium chloride | |
| A5 | 20% (w/v) PEG 3350 | | 200 mM Magnesium formate | |
| A6 | 20% (w/v) PEG 1000 | 100 mM Sodium phosphate dibasic/ Citric acid pH 4.2 | 200 mM Lithium sulfate | |
| A7 | 20% (w/v) PEG 8000 | 100 mM CHES/ Sodium hydroxide pH 9.5 | | |
| A8 | 20% (w/v) PEG 3350 | | 200 mM Ammonium formate | |
| A9 | 20% (w/v) PEG 3350 | | 200 mM Ammonium chloride | |
| A10 | 20% (w/v) PEG 3350 | | 200 mM Potassium formate | |
| A11 | 50% (v/v) MPD | 100 mM Tris base/ Hydrochloric acid pH 8.5 | 200 mM Ammonium phosphate monobasic | |
| A12 | 20% (w/v) PEG 3350 | | 200 mM Potassium nitrate | |
| B1 | 800 mM Ammonium sulfate | 100 mM Sodium citrate/ Citric acid pH 4.0 | | |
| B2 | 20% (w/v) PEG 3350 | | 200 mM Sodium thiocyanate | |
| B3 | 20% (w/v) PEG 6000 | 100 mM Bicine/ Sodium hydroxide pH 9.0 | | |
| B4 | 10% (w/v) PEG 8000 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | | 8% (v/v) Ethylene glycol |
| B5 | 40% (v/v) MPD | 100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5 | | 5% (w/v) PEG 8000 |
| B6 | 40% (v/v) Reagent alcohol | 100 mM Sodium phosphate dibasic/ Citric acid pH 4.2 | | 5% (w/v) PEG 1000 |
| B7 | 8% (w/v) PEG 4000 | 100 mM Sodium acetate/ Acetic acid pH 4.6 | | |
| B8 | 10% (w/v) PEG 8000 | 100 mM Tris base/ Hydrochloric acid pH 7.0 | 200 mM Magnesium chloride | |
| B9 | 20% (w/v) PEG 6000 | 100 mM Sodium citrate/ Citric acid pH 5.0 | | |
| B10 | 50% (v/v) PEG 200 | 100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5 | 200 mM Magnesium chloride | |
| B11 | 1600 mM Sodium citrate tribasic | | | |
| B12 | 20% (w/v) PEG 3350 | | 200 mM Potassium citrate tribasic | |
| C1 | 20% (w/v) PEG 8000 | 100 mM Sodium phosphate dibasic/ Citric acid pH 4.2 | 200 mM Sodium chloride | |
| C2 | 20% (w/v) PEG 6000 | 100 mM Sodium citrate/ Citric acid pH 4.0 | | 1000 mM Lithium chloride |
| C3 | 20% (w/v) PEG 3350 | | 200 mM Ammonium nitrate | |
| C4 | 10% (w/v) PEG 6000 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.0 | | |
| C5 | 800 mM Potassium phosphate monobasic | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | 800 mM Sodium phosphate monobasic | |
| C6 | 40% (v/v) PEG 300 | 100 mM Sodium phosphate dibasic/ Citric acid pH 4.2 | | |
| C7 | 10% (w/v) PEG 3000 | 100 mM Sodium acetate/ Acetic acid pH 4.5 | 200 mM Zinc acetate | |
| C8 | 20% (v/v) Reagent alcohol | 100 mM Tris base/ Hydrochloric acid pH 8.5 | | |
| C9 | 25% (v/v) 1,2-Propanediol | 100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2 | | 10% (v/v) Glycerol |
| C10 | 10% (w/v) PEG 20,000 | 100 mM Bicine/ Sodium hydroxide pH 9.0 | | 2% (v/v) Dioxane |
| C11 | 2000 mM Ammonium sulfate | 100 mM Sodium acetate/ Acetic acid pH 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 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | 200 mM Magnesium chloride | |
| D3 | 50% (v/v) PEG 200 | 100 mM Sodium phosphate dibasic/ Potassium phosphate monobasic pH 6.2 | 200 mM Sodium chloride | |
| D4 | 30% (w/v) PEG 8000 | 100 mM Sodium acetate/ Acetic acid pH 4.5 | 200 mM Lithium sulfate | |
| D5 | 70% (v/v) MPD | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | | |
| D6 | 20% (w/v) PEG 8000 | 100 mM Tris base/ Hydrochloric acid pH 8.5 | 200 mM Magnesium chloride | |
| D7 | 40% (v/v) PEG 400 | 100 mM Tris base/ Hydrochloric acid pH 8.5 | 200 mM Lithium sulfate | |
| D8 | 40% (v/v) MPD | 100 mM Tris base/ Hydrochloric acid pH 8.0 | | |
| D9 | 25.5% (w/v) PEG 4000 | | 170 mM Ammonium sulfate | 15% (v/v) Glycerol |
| D10 | 40% (v/v) PEG 300 | 100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5 | 200 mM Calcium acetate | |
| D11 | 14% (v/v) 2-Propanol | 70 mM Sodium acetate/ Acetic acid pH 4.6 | 140 mM Calcium chloride | 30% (v/v) Glycerol |
| D12 | 20% (v/v) Glycerol | | 40 mM Potassium phosphate monobasic | 16% (w/v) PEG 8000 |



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| Well | Precipitation Reagent | Buffer | Salt | Additive |
|------|---|--|--|---|
| E1 | 1000 mM Sodium citrate tribasic | 100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5 | | |
| E2 | 2000 mM Ammonium sulfate | 100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5 | 200 mM Sodium chloride | |
| E3 | 10% (v/v) 2-Propanol | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | 200 mM Sodium chloride | |
| E4 | 1260 mM Ammonium sulfate | 100 mM Tris base/ Hydrochloric acid pH 8.5 | 200 mM Lithium sulfate | |
| E5 | 40% (v/v) MPD | 100 mM CAPS/ Sodium hydroxide pH 10.5 | | |
| E6 | 20% (w/v) PEG 3000 | 100 mM Imidazole/ Hydrochloric acid pH 8.0 | 200 mM Zinc acetate | |
| E7 | 10% (v/v) 2-Propanol | 100 mM Sodium cacodylate/ Hydrochloric acid pH 6.5 | 200 mM Zinc acetate | |
| E8 | 1000 mM Ammonium phosphate dibasic | 100 mM Sodium acetate/ Acetic acid pH 4.5 | | |
| E9 | 1600 mM Magnesium sulfate | 100 mM MES/ Sodium hydroxide pH 6.5 | | |
| E10 | 10% (w/v) PEG 6000 | 100 mM Bicine/ Sodium hydroxide pH 9.0 | | |
| E11 | 14.4% (w/v) PEG 8000 | 80 mM Sodium cacodylate/ Hydrochloric acid pH 6.5 | 160 mM Calcium acetate | 20% (v/v) Glycerol |
| E12 | 10% (w/v) PEG 8000 | 100 mM Imidazole/ Hydrochloric acid pH 8.0 | | |
| F1 | 30% (v/v) Jeffamine M-600 pH 7.0 | 100 mM MES/ Sodium hydroxide pH 6.5 | 50 mM Cesium chloride | |
| F2 | 3200 mM Ammonium sulfate | 100 mM Sodium citrate/ Citric acid pH 5.0 | | |
| F3 | 20% (v/v) MPD | 100 mM Tris base/ Hydrochloric acid pH 8.0 | | |
| F4 | 20% (v/v) Jeffamine M-600 pH 7.0 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | | |
| F5 | 50% (v/v) Ethylene glycol | 100 mM Tris base/ Hydrochloric acid pH 8.5 | 200 mM Magnesium chloride | |
| F6 | 10% (v/v) MPD | 100 mM Bicine/ Sodium hydroxide pH 9.0 | | |
| F7 | 800 mM Succinic acid pH 7.0 | | | |
| F8 | 2100 mM Malic acid DL disodium salt pH 7.0 | | | |
| F9 | 2400 mM Sodium malonate dibasic pH 7.0 | | | |
| F10 | 1100 mM Sodium malonate dibasic pH 7.0 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.0 | | 0.5% (w/v) Jeffamine ED 2003 pH 7.0 |
| F11 | 1000 mM Succinic acid pH 7.0 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.0 | | 1% (w/v) PEG 2000 MME |
| F12 | 30% (v/v) Jeffamine M-600 pH 7.0 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.0 | | |
| G1 | 30% (w/v) Jeffamine ED 2003 pH 7.0 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.0 | | |
| G2 | 22% (w/v) Poly(acrylic acid sodium salt) 5100 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | 20 mM Magnesium chloride | |
| G3 | 20% (w/v) Polyvinylpyrrolidone K15 | 100 mM Tris base/ Hydrochloric acid pH 8.5 | 10 mM Cobalt chloride | |
| G4 | 20% (w/v) PEG 2000 MME | 100 mM Tris base/ Hydrochloric acid pH 8.5 | | 200 mM Trimethylamine N-oxide |
| G5 | 12% (w/v) PEG 3350 | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | 5 mM Nickel chloride 5 mM Cobalt chloride 5 mM Magnesium chloride 5 mM Cadmium chloride | |
| G6 | 20% (w/v) PEG 3350 | | 200 mM Sodium malonate pH 7.0 | |
| G7 | 15% (w/v) PEG 3350 | | | 100 mM Succinic acid pH 7.0 |
| G8 | 20% (w/v) PEG 3350 | | | 150 mM Malic acid DL sodium salt pH 7.0 |
| G9 | 30% (w/v) PEG 2000 MME | | 100 mM Potassium thiocyanate | |
| G10 | 30% (w/v) PEG 2000 MME | | 150 mM Potassium bromide | |
| G11 | 2000 mM Ammonium sulfate | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | | |
| G12 | 3000 mM Sodium chloride | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | | |
| H1 | 300 mM Magnesium formate | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | | |
| H2 | 1000 mM Ammonium sulfate | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | | 1% (w/v) PEG 3350 |
| H3 | 25% (w/v) PEG 3350 | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | | |
| H4 | 45% (v/v) MPD | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | 200 mM Calcium chloride | |
| H5 | 45% (v/v) MPD | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | 200 mM Ammonium acetate | |
| H6 | 17% (w/v) PEG 10,000 | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | 100 mM Ammonium acetate | |
| H7 | 25% (w/v) PEG 3350 | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | 200 mM Ammonium sulfate | |
| H8 | 25% (w/v) PEG 3350 | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | 200 mM Sodium chloride | |
| H9 | 25% (w/v) PEG 3350 | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | 200 mM Lithium sulfate | |
| H10 | 25% (w/v) PEG 3350 | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | 200 mM Ammonium acetate | |
| H11 | 25% (w/v) PEG 3350 | 100 mM Bis-Tris/ Hydrochloric acid pH 5.5 | 200 mM Magnesium chloride | |
| H12 | 45% (v/v) MPD | 100 mM HEPES free acid/ Sodium hydroxide pH 7.5 | 200 mM Ammonium acetate | |



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