

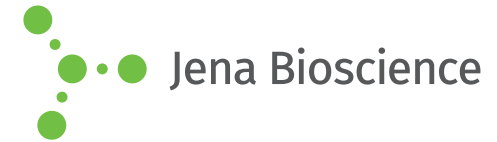


JBScreen Classic 1

(PEG 400 to 3000 based)

Cat.-No.: CS-101L

SCREEN FORMULATION



| No. | Precipitant | Buffer | Additive |
|-----|---|-------------------------------|----------------------------|
| A1 | 15 % w/v Polyethylene glycol 400 | 100 mM Sodium acetate; pH 4.6 | 100 mM Calcium chloride |
| A2 | 15 % w/v Polyethylene glycol 400 | 100 mM MES; pH 6.5 | none |
| A3 | 15 % w/v Polyethylene glycol 400 | 100 mM HEPES; pH 7.5 | 200 mM Magnesium chloride |
| A4 | 15 % w/v Polyethylene glycol 400 | 100 mM TRIS; pH 8.5 | 200 mM tri-Sodium citrate |
| A5 | 25 % w/v Polyethylene glycol 400 | 100 mM Sodium acetate; pH 4.6 | 100 mM Magnesium chloride |
| A6 | 25 % w/v Polyethylene glycol 400 | 100 mM TRIS; pH 8.5 | 200 mM Lithium sulfate |
| B1 | 28 % w/v Polyethylene glycol 400 | 100 mM HEPES; pH 7.5 | 200 mM Calcium chloride |
| B2 | 30 % w/v Polyethylene glycol 400 | 100 mM Sodium acetate; pH 4.6 | 100 mM Calcium chloride |
| B3 | 30 % w/v Polyethylene glycol 400 | 100 mM MES; pH 6.5 | 100 mM Sodium acetate |
| B4 | 30 % w/v Polyethylene glycol 400 | 100 mM MES; pH 6.5 | 100 mM Magnesium chloride |
| B5 | 30 % w/v Polyethylene glycol 400 | 100 mM HEPES; pH 7.5 | 200 mM Magnesium chloride |
| B6 | 30 % w/v Polyethylene glycol 400 | 100 mM TRIS; pH 8.5 | 200 mM tri-Sodium citrate |
| C1 | 30 % w/v Polyethylene glycol monomethyl ether 550 | 100 mM BICINE; pH 9.0 | 100 mM Sodium chloride |
| C2 | 25 % w/v Polyethylene glycol monomethyl ether 550 | 100 mM MES; pH 6.5 | 10 mM Zinc sulfate |
| C3 | 25 % w/v Polyethylene glycol 1,000 | 100 mM HEPES; pH 7.5 | none |
| C4 | 30 % w/v Polyethylene glycol 1,000 | 100 mM TRIS; pH 8.5 | none |
| C5 | 15 % w/v Polyethylene glycol 1,500 | none | none |
| C6 | 20 % w/v Polyethylene glycol 1,500 | 100 mM HEPES; pH 7.5 | none |
| D1 | 30 % w/v Polyethylene glycol 1,500 | none | none |
| D2 | 20 % w/v Polyethylene glycol monomethyl ether 2,000 | 100 mM TRIS; pH 8.5 | 10 mM Nickel (II) chloride |
| D3 | 25 % w/v Polyethylene glycol monomethyl ether 2,000 | none | none |
| D4 | 30 % w/v Polyethylene glycol monomethyl ether 2,000 | 100 mM MES; pH 6.5 | 100 mM Sodium acetate |
| D5 | 20 % w/v Polyethylene glycol 3,000 | 100 mM HEPES; pH 7.5 | 200 mM Sodium acetate |
| D6 | 30 % w/v Polyethylene glycol 3,000 | 100 mM TRIS; pH 8.5 | 200 mM Lithium sulfate |

*pH values indicated are those of the 1.0 M buffer stock solution prior to dilution with other components

