

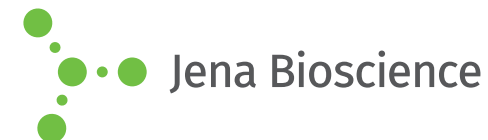


## JBScreen Classic 1

(PEG 400 to 3000 based)

Cat.-No.: CS-101L

# SCREEN FORMULATION



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

