

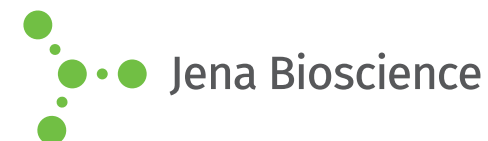


## JBScreen Membrane 3

(Ammonium Sulfate, Alcohol and Salt based)

Cat.-No.: CS-303L

## SCREEN FORMULATION



| No. | Precipitant                       | Precipitant 2                                      | Buffer                                   | Additive                                |
|-----|-----------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------|
| E1  | 500 mM Ammonium sulfate           | none                                               | 1 M Sodium Potassium phosphate; pH 7.5   | none                                    |
| E2  | 1 M Ammonium sulfate              | none                                               | 50 mM MES; pH 6.5                        | 100 mM Zinc acetate                     |
| E3  | 1.2 M Ammonium sulfate            | none                                               | 50 mM TRIS; pH 7.5                       | none                                    |
| E4  | 1.2 M Ammonium sulfate            | none                                               | 100 mM TRIS; pH 8.5                      | none                                    |
| E5  | 1.4 M Ammonium sulfate            | 4 % w/v 2-Propanol                                 | none                                     | 100 mM Ammonium acetate                 |
| E6  | 2 M Ammonium sulfate              | none                                               | none                                     | none                                    |
| E7  | 2 M Ammonium sulfate              | none                                               | 100 mM tri-Sodium citrate; pH 5.6        | none                                    |
| E8  | 1 M Ammonium sulfate              | 2 % w/v Polyethylene glycol monomethyl ether 5,000 | 100 mM HEPES; pH 7.5                     | none                                    |
| E9  | 3 M Ammonium sulfate              | none                                               | none                                     | none                                    |
| E10 | 3.5 M Ammonium sulfate            | none                                               | none                                     | none                                    |
| E11 | 3.5 M Ammonium sulfate            | none                                               | 50 mM Sodium Potassium phosphate; pH 7.5 | 250 mM Sodium chloride                  |
| E12 | 25 % w/v 2-Methyl-2,4-pentanediol | none                                               | 100 mM BIS-TRIS; pH 7.0                  | none                                    |
| F1  | 30 % w/v 2-Methyl-2,4-pentanediol | none                                               | 300 mM tri-Sodium citrate; pH 5.6        | none                                    |
| F2  | 25 % w/v Triethylene glycol       | none                                               | none                                     | 100 mM Glycine, 100 mM Ammonium sulfate |
| F3  | 30 % w/v 2-Propanol               | 20 % w/v Glycerol                                  | 100 mM Sodium acetate; pH 4.6            | 200 mM Calcium chloride                 |
| F4  | none                              | none                                               | 50 mM Potassium Phosphate; pH 8.0        | none                                    |
| F5  | none                              | none                                               | 100 mM tri-Sodium citrate; pH 4.8        | none                                    |
| F6  | none                              | none                                               | 1 M Potassium Phosphate; pH 6.5          | 1 % w/v 1,4-Dioxane                     |
| F7  | 1 M tri-Sodium citrate            | none                                               | none                                     | none                                    |
| F8  | 1 M tri-Sodium citrate            | none                                               | none                                     | 500 mM Lithium chloride                 |
| F9  | 1.5 M Sodium chloride             | none                                               | 100 mM Sodium acetate; pH 4.6            | none                                    |
| F10 | none                              | none                                               | 1.5 M Potassium Phosphate; pH 7.0        | none                                    |
| F11 | 1.5 M Lithium sulfate             | none                                               | 100 mM HEPES; pH 7.5                     | none                                    |
| F12 | 2 M Sodium chloride               | none                                               | none                                     | 100 mM Sodium formate                   |

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

