

JBScreen Plus ♦ Additives

Cat. No.: CS-504

JBScreen Plus comprises 5 kits, including kosmotropic and chaotropic additives, salts, volatile and non-volatile organics and other compounds. Each kit contains 24 different additives, supplied in ready-made aliquots (100 µl each, except the JBScreen Plus Volatiles kit, containing 1 ml each). The active ingredients are dissolved in purified water, pre-formulated at ten times the recommended final concentration and are sterile filtered. All solutions come in tightly closing glass vials that will keep them fresh and sterile.

(1) JBScreen Plus ♦ Kosmotropic

- Zwitterions
- Polyalcohols
- Kosmotropic Cations
- Kosmotropic Anions

(2) JBScreen Plus ♦ Chaotropic

- Non-ionic's
- Chaotropic Cations
- Chaotropic Anions

(3) JBScreen Plus ♦ Salts

- Lithium Salts
- Ammonium Salts
- Sulfates
- Multivalent Cations

(4) JBScreen Plus ♦ Additives

- Linker Molecules and Polyamines
- Organic Hydrophilic Polymers
- Carbohydrates
- Other compounds

(5) JBScreen Plus ♦ Volatiles

- Small Alcohols
- Non-ionic Chaotropes
- Organic Volatiles

Number	Compound	Classification
A 1	2.0 M 6-Aminocaproic Acid	Linker Molecule
A 2	2.0 M Ethanolamine	Linker Molecule
A 3	2.0 M 1,6-Diaminohexane	Linker Molecule
A 4	2.0 M 1,8-Diaminooctane	Linker Molecule
A 5	1.0 M 1,2,3-Hexanetriol	Polyalcohol
A 6	0.1 M Spermidine trihydrochloride	Polyamine
B 1	0.5 M PPG 400	Organic Hydrophilic Polymer
B 2	1.0 M PEG 200	Organic Hydrophilic Polymer
B 3	0.5 M PEG 600	Organic Hydrophilic Polymer
B 4	0.02 M Dextran Sulfate	Organic Hydrophilic Polymer
B 5	1 % w/v Polyvinyl Alcohol	Organic Hydrophilic Polymer
B 6	5 % w/v Polyvinylpyrrolidone K15	Organic Hydrophilic Polymer
C 1	1.0 M D,L-Fructose	Carbohydrate
C 2	1.0 M D,L-Glucose	Carbohydrate
C 3	1.0 M D,L-Mannose	Carbohydrate
C 4	1.0 M Lactose	Carbohydrate
C 5	1.0 M Sucrose	Carbohydrate
C 6	1.0 M Trehalose	Carbohydrate
D 1	0.1 M DTT	Reducing Agent
D 2	0.1 M L-Cysteine	Reducing Agent
D 3	0.1 M EDTA Sodium Salt	Chelator
D 4	0.1 M ATP disodium Salt	Co-factor
D 5	1.0 M Benzamidine Hydrochloride	Amphiphilic Molecule
D 6	0.3 M Glycyl-glycyl-glycine	Amphiphilic Molecule

Storage: 4°C

For usage see the **JBScreen Plus** manual.