

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	1.0 M Urea	Non-ionic
A 2	4.0 M DMSO	Non-ionic
A 3	4.0 M DMF	Non-ionic
A 4	1.0 M Pyridine	Non-ionic
A 5	0.5 M ε-Caprolactam	Non-ionic
A 6	0.1 M Phenol	Non-ionic
B 1	2.0 M Trimethylammonium Chloride	Chaotropic Cation
B 2	2.0 M Guanidinium Chloride	Chaotropic Cation
B 3	2.0 M Tetramethylammonium Chloride	Chaotropic Cation
B 4	1.0 M Cesium Chloride	Chaotropic Cation
B 5	1.0 M Rubidium Chloride	Chaotropic Cation
B 6	1.0 M Potassium Chloride	Chaotropic Cation
C 1	2.0 M Potassium Thiocyanate	Chaotropic Anion
C 2	2.0 M Potassium Cyanate	Chaotropic Anion
C 3	1.0 M Potassium Nitrate	Chaotropic Anion
C 4	1.0 M Potassium Acetate	Chaotropic Anion
C 5	1.0 M Potassium Iodide	Chaotropic Anion
C 6	1.0 M Potassium Bromide	Chaotropic Anion
D 1	2.0 M Sodium trichloroacetate	Chaotropic Anion
D 2	2.0 M Sodium Thiocyanate	Chaotropic Anion
D 3	2.0 M Sodium Perchlorate	Chaotropic Anion
D 4	2.0 M Sodium Nitrate	Chaotropic Anion
D 5	1.0 M Sodium Iodide	Chaotropic Anion
D 6	2.0 M Sodium Bromide	Chaotropic Anion

Storage: 4°C

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