

Each **JBScreen Cryo** kit contains 24 unique, sterile filtered reagents, supplied in 10 ml aliquots.

Storage: 4 °C

Number	Cryoprotectant 1	Cryoprotectant 2	Cryoprotectant 3	Buffer	pH	Additive 1	Additive 2
A 1	20% v/v Ethylene Glycol	None	None	100 mM HEPES Sodium Salt	7.5	1.6 M Lithium Sulfate	None
A 2	25% v/v Ethylene Glycol	None	None	100 mM HEPES Sodium Salt	7.5	200 mM Sodium / Potassium Phosphate	None
A 3	25% v/v Ethylene Glycol	None	None	100 mM HEPES Sodium Salt	7.5	1.0 M Sodium / Potassium Tartrate	None
A 4	40% v/v Ethylene Glycol	None	None	100 mM Sodium Acetate	4.6	None	None
A 5	40% v/v Ethylene Glycol	None	None	100 mM Tris-HCl	8.5	None	None
A 6	40% v/v Ethylene Glycol	None	None	100 mM Imidazole	9.0	200 mM Calcium Acetate	None
B 1	40% v/v Ethylene Glycol	None	None	100 mM MES Sodium Salt	6.5	200 mM Zinc Acetate	None
B 2	50% v/v Ethylene Glycol	None	None	100 mM Tris-HCl	8.5	200 mM Magnesium Chloride	None
B 3	50% v/v Ethylene Glycol	None	None	100 mM HEPES Sodium Salt	7.5	200 mM Lithium Sulfate	None
B 4	35% v/v 2-Propanol	None	None	100 mM Tris-HCl	8.5	None	None
B 5	35% v/v 2-Propanol	None	None	100 mM Sodium Acetate	4.6	None	None
B 6	35% v/v 2-Propanol	None	None	100 mM Imidazole	9.0	200 mM Zinc Acetate	None
C 1	40% v/v 1,2-Propanediol	None	None	100 mM Imidazole	9.0	None	None
C 2	40% v/v 1,2-Propanediol	None	None	100 mM Sodium Acetate	4.6	None	None
C 3	40% v/v 1,2-Propanediol	None	None	100 mM Sodium Citrate	5.6	200 mM Sodium Chloride	None
C 4	40% v/v 1,2-Propanediol	None	None	100 mM Sodium Acetate	4.6	50 mM Calcium Acetate	None
C 5	35% v/v MPD	None	None	100 mM Tris-HCl	8.5	None	None
C 6	30% v/v MPD	None	None	100 mM Sodium Acetate	4.6	20 mM Calcium Chloride	None
D 1	30% v/v MPD	None	None	100 mM HEPES Sodium Salt	7.5	200 mM Sodium Citrate	None
D 2	30% v/v MPD	None	None	100 mM Sodium Citrate	5.6	200 mM Ammonium Acetate	None
D 3	35% v/v MPD	None	None	100 mM MES Sodium Salt	6.5	200 mM Ammonium Sulfate	None
D 4	40% v/v MPD	None	None	100 mM Sodium Citrate	5.6	None	None
D 5	40% v/v MPD	None	None	100 mM MES Sodium Salt	6.5	200 mM Ammonium Sulfate	None
D 6	40% v/v MPD	None	None	100 mM Imidazole	9.0	200 mM Magnesium Chloride	None