

JBScreen Cryo 2

Primary cryoprotectant: Glycerol

Cat. No.: CC-104

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 Glycerol	16% w/v PEG 8000	None	80 mM MES Sodium Salt	6.5	160 mM Magnesium Acetate	None
A 2	20% v/v Glycerol	7% w/v PEG 8000	None	100 mM MES Sodium Salt	6.5	None	None
A 3	24% v/v Glycerol	None	None	None		2.3 M Ammonium Sulfate	None
A 4	25% v/v Glycerol	None	None	None		750 mM Sodium Bromide	None
A 5	25% v/v Glycerol	None	None	100 mM Sodium Citrate	5.6	1.2 M Ammonium dihydrogen Phosphate	None
A 6	25% v/v Glycerol	None	None	None		1.5 M Ammonium Sulfate	None
B 1	25% v/v Glycerol	None	None	100 mM MES Sodium Salt	6.5	2.2 M Ammonium Sulfate	None
B 2	25% v/v Glycerol	None	None	100 mM Sodium / Potassium Phosphate	6.5	2.5 M Ammonium Sulfate	None
B 3	30% v/v Glycerol	None	None	None		1.26 M Ammonium dihydrogen Phosphate	None
B 4	30% v/v Glycerol	None	None	100 mM Sodium Acetate	4.6	2.0 M Ammonium Sulfate	None
B 5	30% v/v Glycerol	None	None	50 mM MES Sodium Salt	6.5	2.3 M Ammonium Sulfate	None
B 6	30% v/v Glycerol	None	None	None		2.0 M Ammonium Sulfate	None
C 1	30% v/v Glycerol	15% w/v PEG 4000	5% v/v 2-Propanol	100 mM HEPES Sodium Salt	7.5	None	None
C 2	30% v/v Glycerol	20% w/v PEG 4000	20% v/v 2-Propanol	100 mM Tris-HCl	8.5	None	None
C 3	30% v/v Glycerol	None	None	50 mM MES Sodium Salt	6.5	1.2 M Ammonium Sulfate	None
C 4	30% v/v Glycerol	15% w/v PEG 6000	None	500 mM Tris-HCl	8.5	None	None
C 5	30% v/v Glycerol	None	None	None		3.0 M Ammonium Sulfate	None
C 6	30% v/v Glycerol	30% w/v PEG 1500	None	50 mM MES Sodium Salt	6.5	None	None
D 1	30% v/v Glycerol	None	None	100 mM Sodium / Potassium Phosphate	6.5	1.0 M Ammonium Sulfate	None
D 2	30% v/v Glycerol	30% w/v PEG 4000	None	100 mM Sodium Acetate	4.6	None	None
D 3	30% v/v Glycerol	None	None	100 mM MES Sodium Salt	6.5	1.4 M Sodium Acetate	None
D 4	30% v/v Glycerol	None	None	150 mM HEPES Sodium Salt	7.5	1.6 M Sodium dihydrogen Phosphate	450 mM di-Potassium hydrogen Phosphate
D 5	35% v/v Glycerol	None	None	20 mM HEPES Sodium Salt	7.5	None	None
D 6	35% v/v Glycerol	7% w/v PEG 6000	None	50 mM MES Sodium Salt	6.5	None	None