

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	2.8% v/v Glycerol	32% w/v PEG 8000	None	100 mM Tris-HCl	8.5	200 mM Cesium Chloride	None
A 2	5.0% v/v Glycerol	None	None	100 mM Sodium Citrate	5.6	3.2 M Sodium Formate	None
A 3	5.0% v/v Glycerol	20% w/v PEG 4000	None	None		None	None
A 4	10% v/v Glycerol	15% w/v PEG 5000 MME	10% w/v Xylitol	None		None	None
A 5	10% v/v Glycerol	28% w/v PEG 8000	None	50 mM MES Sodium Salt	6.5	100 mM Ammonium Acetate	None
A 6	10% v/v Glycerol	25% w/v PEG 4000	4.5% v/v 2-Propanol	18 mM MES Sodium Salt	6.5	None	None
B 1	10% v/v Glycerol	20% v/v PEG 400	10% w/v PEG 8000	50 mM Tris-HCl	8.5	100 mM Sodium Chloride	None
B 2	10% v/v Glycerol	15% w/v PEG 6000	None	100 mM MES Sodium Salt	6.5	1.0 M Lithium Chloride	None
B 3	15% v/v Glycerol	15% w/v PEG 5000 MME	None	None		None	None
B 4	15% v/v Glycerol	20% w/v PEG 6000	None	100 mM MES Sodium Salt	6.5	None	None
B 5	15% v/v Glycerol	30% w/v PEG 8000	None	100 mM MES Sodium Salt	6.5	200 mM Sodium Acetate	None
B 6	15% v/v Glycerol	None	None	100 mM Tris-HCl	8.5	2.5 M Sodium Chloride	200 mM Lithium Sulfate
C 1	15% v/v Glycerol	15% w/v PEG 20000	None	None		None	None
C 2	15% v/v Glycerol	35% w/v PEG 4000	None	100 mM Tris-Acetate	8.0	100 mM Sodium Citrate	None
C 3	15% v/v Glycerol	15% w/v PEG 8000	None	None		500 mM Lithium Sulfate	None
C 4	20% v/v Glycerol	16% v/v Ethylene Glycol	20% w/v PEG 6000	30 mM Tris-HCl	8.5	100 mM Sodium Acetate	None
C 5	20% v/v Glycerol	None	None	None		2.0 M Ammonium Sulfate	None
C 6	20% v/v Glycerol	20% w/v PEG 4000	10% v/v 2-Propanol	50 mM Sodium Acetate	4.6	100 mM Sodium Chloride	None
D 1	20% v/v Glycerol	None	None	100 mM MES Sodium Salt	6.5	2.5 M Ammonium Sulfate	None
D 2	20% v/v Glycerol	15% w/v PEG 8000	None	100 mM MES Sodium Salt	6.5	160 mM Zinc Acetate	None
D 3	20% v/v Glycerol	15% w/v PEG 8000	None	80 mM Tris-HCl	8.5	920 mM Sodium Chloride	None
D 4	20% v/v Glycerol	6% v/v 2-Propanol	None	None		1.8 M Ammonium Sulfate	None
D 5	20% v/v Glycerol	None	None	100 mM MES Sodium Salt	6.5	1.8 M Ammonium Sulfate	None
D 6	20% v/v Glycerol	20% w/v PEG 6000	None	100 mM MES Sodium Salt	6.5	None	None