

JBScreen Cryo 3

Primary cryoprotectant: PEG

Cat. No.: CC-105

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

Storage: 4°C

Number	Cryoprotectant 1	Cryoprotectant 2	Cryoprotectant 3	Buffer	pH	Additive 1	Additive 2
A1	10% v/v PEG 200	24% w/v PEG 3000	None	100 mM Sodium Citrate	5.6	None	None
A2	20% v/v PEG 200	20% w/v PEG 4000	10% v/v 2-Propanol	100 mM HEPES Sodium Salt	7.5	None	None
A3	30% v/v PEG 200	5% w/v PEG 3000	None	100 mM MES Sodium Salt	6.5	None	None
A4	40% v/v PEG 300	5% w/v PEG 1000	None	100 mM Tris-HCl	8.5	None	None
A5	20% v/v PEG 400	30% w/v PEG 4000	None	100 mM Sodium Citrate	5.6	50 mM Ammonium Acetate	None
A6	30% v/v PEG 400	11% w/v PEG 20000	None	100 mM Potassium Phosphate	8.0	None	None
B1	10% v/v PEG 400	20% w/v PEG 5000 MME	None	None		None	None
B2	34% v/v PEG 400	None	None	100 mM HEPES Sodium Salt	7.5	100 mM Sodium Chloride	200 mM Calcium Chloride
B3	40% v/v PEG 400	5% w/v PEG 3000	None	100 mM MES Sodium Salt	6.5	None	None
B4	35% v/v PEG 600	None	None	100 mM PIPES	7.0	100 mM Sodium Chloride	None
B5	30% w/v PEG 1000	None	None	100 mM Phosphate / Citrate	4.4	110 mM Lithium Sulfate	None
B6	40% w/v PEG 1500	None	None	100 mM ADA	6.0	None	None
C 1	17% w/v PEG 1500	10% v/v MPD	None	50 mM PIPES	7.0	None	None
C 2	35% w/v PEG 3350	None	None	None		300 mM Potassium Thiocyanate	None
C 3	25% w/v PEG 4000	18% v/v MPD	None	100 mM Sodium Acetate	4.6	200 mM Ammonium Sulfate	None
C 4	25% w/v PEG 4000	30% v/v Ethylene Glycol	None	None		None	None
C 5	20% w/v PEG 4000	20% v/v MPD	10% v/v 2-Propanol	100 mM Sodium Citrate	5.6	None	None
C 6	10% w/v PEG 4000	20% v/v Ethylene Glycol	None	55 mM ADA	6.0	105 mM Sodium Chloride	None
D 1	2% w/v PEG 4000	25% v/v MPD	None	100 mM HEPES Sodium Salt	7.5	None	None
D 2	20% w/v PEG 8000	20% v/v MPD	None	100 mM HEPES Sodium Salt	7.5	200 mM Rubidium Bromide	None
D 3	28% w/v PEG 8000	None	None	100 mM Glycine	9.5	10 mM Calcium Chloride	None
D 4	10% w/v PEG 8000	15% v/v MPD	None	100 mM MES Sodium Salt	6.5	550 mM Ammonium Sulfate	None
D 5	25% w/v PEG 8000	30% v/v Ethylene Glycol	None	150 mM ADA	6.0	80 mM Ammonium Sulfate	None
D 6	10% w/v PEG 20000	5.6% v/v Ethylene Glycol	30% v/v 2,3-Butanediol	100 mM HEPES Sodium Salt	7.5	None	None