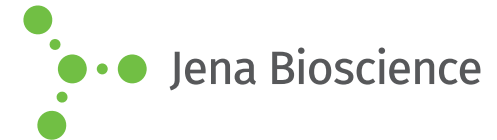




## JBScreen Nuc-Pro 1

Cat.-No.: CS-181

# SCREEN FORMULATION



No.	Precipitant	Buffer	Additive
A1	20 % v/v Polyethylene glycol 200	50 mM HEPES; pH 7.5	200 mM Potassium chloride, 25 mM Magnesium sulfate
A2	50 % v/v Polyethylene glycol 200	100 mM TRIS; pH 8.0	none
A3	5 % v/v Polyethylene glycol 400	50 mM PIPES; pH 7.0	30 mM Magnesium chloride
A4	5 % v/v Polyethylene glycol 400	20 mM MES; pH 5.8	15 mM Magnesium formate, 2 mM Cobalt (II) chloride
A5	10 % v/v Polyethylene glycol 400	50 mM HEPES; pH 7.0	100 mM Potassium chloride
A6	15 % v/v Polyethylene glycol 400	50 mM MES; pH 6.5	80 mM Magnesium acetate, 15 mM Magnesium chloride
B1	15 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.0	80 mM Calcium chloride, 20 mM Sodium chloride
B2	20 % v/v Polyethylene glycol 400	50 mM BIS-TRIS propane; pH 6.8	60 mM Magnesium chloride
B3	25 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.6	130 mM Sodium chloride, 60 mM Magnesium chloride
B4	30 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.5	200 mM Calcium chloride
B5	30 % v/v Polyethylene glycol 400	50 mM TRIS; pH 8.5	100 mM Potassium chloride, 10 mM Magnesium chloride
B6	25 % v/v Polyethylene glycol monomethyl ether 550	50 mM HEPES; pH 7.0	10 mM Magnesium chloride
C1	20 % w/v Polyethylene glycol 1,000	50 mM MES; pH 6.5	200 mM Magnesium chloride, 100 mM Sodium chloride
C2	30 % w/v Polyethylene glycol monomethyl ether 2,000	100 mM Sodium acetate; pH 4.6	200 mM Ammonium sulfate
C3	10 % w/v Polyethylene glycol 3,350	100 mM MES; pH 6.5	100 mM Calcium chloride, 13 % v/v Glycerol
C4	25 % w/v Polyethylene glycol 3,350	50 mM MES; pH 6.0	200 mM Sodium formate, 10 % v/v Glycerol
C5	30 % w/v Polyethylene glycol 3,350	50 mM di-Sodium succinate; pH 5.5	100 mM Sodium chloride
C6	35 % w/v Polyethylene glycol 3,350	50 mM TRIS; pH 7.5	50 mM Potassium chloride
D1	5 % w/v Polyethylene glycol 4,000	50 mM HEPES; pH 7.0	200 mM Ammonium sulfate, 20 mM Magnesium acetate
D2	5 % w/v Polyethylene glycol 4,000	50 mM MES; pH 6.0	5 mM Magnesium sulfate
D3	10 % w/v Polyethylene glycol 4,000	50 mM MES; pH 6.5	200 mM Ammonium acetate, 10 mM Calcium chloride
D4	10 % w/v Polyethylene glycol 4,000	50 mM Imidazole; pH 7.2	20 mM Zinc sulfate
D5	15 % w/v Polyethylene glycol 4,000	50 mM TRIS; pH 7.5	150 mM Potassium chloride, 20 mM Magnesium chloride
D6	15 % w/v Polyethylene glycol 4,000	50 mM tri-Sodium citrate; pH 5.0	100 mM Sodium chloride, 20 mM Ammonium sulfate

\*pH values indicated are those of the 1.0 M buffer stock solution prior to dilution with other components

