



JBScreen Kinase 2

Cat.-No.: CS-132

SCREEN FORMULATION



No.	Precipitant	Buffer	Additive
C1	10 % v/v Polyethylene glycol 400	50 mM TRIS; pH 8.5	1 mM Dithiothreitol, 1 mM Ethylenediaminetetraacetic acid disodium salt, 300 mM Sodium chloride
C2	15 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.5	200 mM Calcium chloride
C3	25 % v/v Polyethylene glycol 400	100 mM MES; pH 6.5	10 % v/v 2-Propanol
C4	25 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.5	150 mM tri-Sodium citrate
C5	15 % v/v Polyethylene glycol monomethyl ether 550	100 mM Sodium acetate; pH 4.6	5 % v/v Ethylene glycol
C6	20 % v/v Polyethylene glycol monomethyl ether 550	100 mM BICINE; pH 9.0	100 mM Sodium chloride
C7	20 % w/v Polyethylene glycol 1,000	100 mM TRIS; pH 8.5	1 mM Dithiothreitol
C8	35 % w/v Polyethylene glycol 1,000	100 mM HEPES; pH 7.5	50 mM Lithium sulfate
C9	12 % w/v Polyethylene glycol 2,000	100 mM MES; pH 6.5	200 mM Magnesium acetate
C10	25 % w/v Polyethylene glycol 2,000	100 mM Sodium acetate; pH 4.6	100 mM Magnesium chloride
C11	30 % w/v Polyethylene glycol 2,000	100 mM Sodium acetate; pH 4.6	50 mM Magnesium chloride
C12	24 % w/v Polyethylene glycol monomethyl ether 2,000	100 mM Potassium phosphate citrate; pH 5.0	none
D1	12 % w/v Polyethylene glycol 3,350	100 mM MES; pH 6.5	500 mM Sodium chloride
D2	12 % w/v Polyethylene glycol 3,350	50 mM tri-Sodium citrate; pH 5.6	200 mM Ammonium sulfate, 50 mM Magnesium sulfate
D3	15 % w/v Polyethylene glycol 3,350	100 mM Imidazole; pH 7.5	250 mM Ammonium sulfate, 10 mM Cadmium chloride
D4	20 % w/v Polyethylene glycol 3,350	150 mM di-Sodium DL-malate; pH 7.0	none
D5	20 % w/v Polyethylene glycol 3,350	100 mM HEPES; pH 7.5	200 mM Sodium chloride, 20 mM L-Glutathione reduced
D6	20 % w/v Polyethylene glycol 3,350	100 mM TRIS; pH 8.5	120 mM Sodium chloride, 5 mM Dithiothreitol
D7	20 % w/v Polyethylene glycol 3,350	none	200 mM Potassium nitrate
D8	22 % w/v Polyethylene glycol 3,350	none	100 mM Ammonium formate
D9	24 % w/v Polyethylene glycol 3,350	100 mM tri-Sodium citrate; pH 5.0	none
D10	30 % w/v Polyethylene glycol 3,350	100 mM Sodium acetate; pH 4.6	200 mM Ammonium acetate
D11	30 % w/v Polyethylene glycol 3,350	200 mM Ammonium acetate; pH 5.6	20 % v/v 2-Propanol, 200 mM Calcium chloride
D12	32.5 % w/v Polyethylene glycol 3,350	100 mM TRIS; pH 8.5	500 mM Sodium chloride, 200 mM Magnesium chloride

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

