

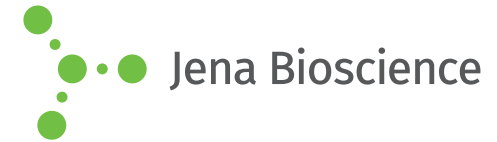


JBScreen Classic HTS I

(PEG based)

Cat.-No.: CS-201L

SCREEN FORMULATION



No.	Precipitant 1	Precipitant 2	Buffer	Additive	Classic Bulk No.
A1	15 % w/v Polyethylene glycol 400	none	100 mM Sodium acetate; pH 4.6	100 mM Calcium chloride	1/A1
A2	15 % w/v Polyethylene glycol 400	none	100 mM HEPES; pH 7.5	200 mM Magnesium chloride	1/A3
A3	25 % w/v Polyethylene glycol 400	none	100 mM Sodium acetate; pH 4.6	100 mM Magnesium chloride	1/A5
A4	25 % w/v Polyethylene glycol 400	none	100 mM TRIS; pH 8.5	200 mM Lithium sulfate	1/A6
A5	30 % w/v Polyethylene glycol 400	none	100 mM Sodium acetate; pH 4.6	100 mM Calcium chloride	1/B2
A6	30 % w/v Polyethylene glycol 400	none	100 mM MES; pH 6.5	100 mM Sodium acetate	1/B3
A7	30 % w/v Polyethylene glycol 400	none	100 mM HEPES; pH 7.5	200 mM Magnesium chloride	1/B5
A8	30 % w/v Polyethylene glycol 400	none	100 mM TRIS; pH 8.5	200 mM tri-Sodium citrate	1/B6
A9	30 % w/v Polyethylene glycol monomethyl ether 550	none	100 mM BICINE; pH 9.0	100 mM Sodium chloride	1/C1
A10	25 % w/v Polyethylene glycol monomethyl ether 550	none	100 mM MES; pH 6.5	10 mM Zinc sulfate	1/C2
A11	25 % w/v Polyethylene glycol 1,000	none	100 mM HEPES; pH 7.5	none	1/C3
A12	30 % w/v Polyethylene glycol 1,000	none	100 mM TRIS; pH 8.5	none	1/C4
B1	15 % w/v Polyethylene glycol 1,500	none	none	none	1/C5
B2	20 % w/v Polyethylene glycol 1,500	none	100 mM HEPES; pH 7.5	none	1/C6
B3	30 % w/v Polyethylene glycol 1,500	none	none	none	1/D1
B4	20 % w/v Polyethylene glycol monomethyl ether 2,000	none	100 mM TRIS; pH 8.5	10 mM Nickel (II) chloride	1/D2
B5	25 % w/v Polyethylene glycol monomethyl ether 2,000	none	none	none	1/D3
B6	20 % w/v Polyethylene glycol 3,000	none	100 mM HEPES; pH 7.5	200 mM Sodium acetate	1/D5
B7	30 % w/v Polyethylene glycol 3,000	none	100 mM TRIS; pH 8.5	200 mM Lithium sulfate	1/D6
B8	4 % w/v Polyethylene glycol 4,000	none	100 mM Sodium acetate; pH 4.6	none	2/A1
B9	8 % w/v Polyethylene glycol 4,000	none	none	none	2/A2
B10	8 % w/v Polyethylene glycol 4,000	none	100 mM Sodium acetate; pH 4.6	none	2/A3
B11	10 % w/v Polyethylene glycol 4,000	none	100 mM MES; pH 6.5	200 mM Magnesium chloride	2/A4
B12	12 % w/v Polyethylene glycol 4,000	none	100 mM HEPES; pH 7.5	100 mM Sodium acetate	2/A5

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



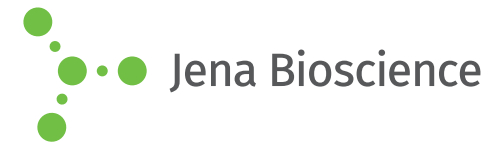


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No.	Precipitant 1	Precipitant 2	Buffer	Additive	Classic Bulk No.
C1	16 % w/v Polyethylene glycol 4,000	none	100 mM TRIS; pH 8.5	200 mM Lithium sulfate	2/B1
C2	16 % w/v Polyethylene glycol 4,000	none	100 mM TRIS; pH 8.5	200 mM Sodium acetate	2/B2
C3	18 % w/v Polyethylene glycol 4,000	none	100 mM Sodium acetate; pH 4.6	none	2/B4
C4	20 % w/v Polyethylene glycol 4,000	none	100 mM TRIS; pH 8.5	200 mM Lithium sulfate	2/B5
C5	20 % w/v Polyethylene glycol 4,000	none	100 mM TRIS; pH 8.5	200 mM Calcium chloride	2/B6
C6	25 % w/v Polyethylene glycol 4,000	none	100 mM Sodium acetate; pH 4.6	none	2/C2
C7	25 % w/v Polyethylene glycol 4,000	none	100 mM MES; pH 6.5	200 mM Magnesium chloride	2/C3
C8	25 % w/v Polyethylene glycol 4,000	none	100 mM TRIS; pH 8.5	200 mM Calcium chloride	2/C4
C9	30 % w/v Polyethylene glycol 4,000	none	none	none	2/C5
C10	30 % w/v Polyethylene glycol 4,000	none	100 mM Sodium acetate; pH 4.6	100 mM Magnesium chloride	2/C6
C11	30 % w/v Polyethylene glycol 4,000	none	100 mM HEPES; pH 7.5	200 mM Calcium chloride	2/D2
C12	30 % w/v Polyethylene glycol 4,000	none	100 mM TRIS; pH 8.5	200 mM Sodium acetate	2/D4
D1	30 % w/v Polyethylene glycol 4,000	none	100 mM TRIS; pH 8.5	200 mM Magnesium chloride	2/D5
D2	35 % w/v Polyethylene glycol 4,000	none	none	none	2/D6
D3	8 % w/v Polyethylene glycol 4,000	800 mM Lithium chloride	100 mM TRIS; pH 8.5	none	3/A1
D4	10 % w/v Polyethylene glycol 4,000	20 % w/v 2-Propanol	none	none	3/A2
D5	10 % w/v Polyethylene glycol 4,000	10 % w/v 2-Propanol	100 mM tri-Sodium citrate; pH 5.6	none	3/A3
D6	10 % w/v Polyethylene glycol 4,000	20 % w/v 2-Propanol	100 mM HEPES; pH 7.5	none	3/A5
D7	12 % w/v Polyethylene glycol 4,000	none	100 mM Sodium acetate; pH 4.6	200 mM Ammonium sulfate	3/A6
D8	15 % w/v Polyethylene glycol 4,000	none	100 mM tri-Sodium citrate; pH 5.6	200 mM Ammonium sulfate	3/B2
D9	16 % w/v Polyethylene glycol 4,000	10 % w/v 2-Propanol	100 mM HEPES; pH 7.5	200 mM Ammonium sulfate	3/B3
D10	20 % w/v Polyethylene glycol 4,000	none	none	200 mM Ammonium sulfate	3/B4
D11	20 % w/v Polyethylene glycol 4,000	10 % w/v Glycerol	none	200 mM Magnesium sulfate	3/B5
D12	20 % w/v Polyethylene glycol 4,000	20 % w/v 2-Propanol	none	100 mM tri-Sodium citrate	3/C1

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



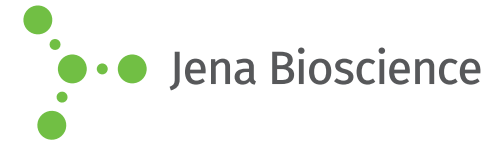


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No.	Precipitant 1	Precipitant 2	Buffer	Additive	Classic Bulk No.
E1	20 % w/v Polyethylene glycol 4,000	none	100 mM MES; pH 6.5	600 mM Sodium chloride	3/C2
E2	20 % w/v Polyethylene glycol 4,000	10 % w/v 2-Propanol	100 mM HEPES; pH 7.5	none	3/C3
E3	22 % w/v Polyethylene glycol 4,000	none	none	100 mM Sodium acetate, 200 mM Ammonium sulfate	3/C4
E4	25 % w/v Polyethylene glycol 4,000	none	100 mM tri-Sodium citrate; pH 5.6	200 mM Ammonium sulfate	3/C6
E5	25 % w/v Polyethylene glycol 4,000	200 mM Lithium sulfate	100 mM HEPES; pH 7.5	100 mM Sodium acetate	3/D1
E6	25 % w/v Polyethylene glycol 4,000	8 % w/v 2-Propanol	none	100 mM Sodium acetate	3/D2
E7	30 % w/v Polyethylene glycol 4,000	none	none	200 mM Ammonium sulfate	3/D3
E8	30 % w/v Polyethylene glycol 4,000	none	100 mM tri-Sodium citrate; pH 5.6	100 mM Ammonium sulfate	3/D5
E9	32 % w/v Polyethylene glycol 4,000	none	100 mM TRIS; pH 8.5	800 mM Lithium chloride	3/D6
E10	25 % w/v Polyethylene glycol monomethyl ether 5,000	none	100 mM TRIS; pH 8.5	200 mM Lithium sulfate	4/A1
E11	30 % w/v Polyethylene glycol monomethyl ether 5,000	none	100 mM MES; pH 6.5	200 mM Ammonium sulfate	4/A2
E12	3 % w/v Polyethylene glycol 6,000	none	100 mM TRIS; pH 8.5	100 mM Potassium chloride	4/A3
F1	10 % w/v Polyethylene glycol 6,000	none	none	10 mM Magnesium chloride	4/A4
F2	12 % w/v Polyethylene glycol 6,000	2 M Sodium chloride	none	none	4/A5
F3	15 % w/v Polyethylene glycol 6,000	5 % w/v Glycerol	none	none	4/A6
F4	15 % w/v Polyethylene glycol 6,000	50 mM Potassium chloride	none	10 mM Magnesium chloride	4/B1
F5	20 % w/v Polyethylene glycol 6,000	none	50 mM Imidazole; pH 8.0	none	4/B3
F6	25 % w/v Polyethylene glycol 6,000	none	100 mM HEPES; pH 7.5	100 mM Lithium chloride	4/B4
F7	28 % w/v Polyethylene glycol 6,000	500 mM Lithium chloride	100 mM TRIS; pH 8.5	none	4/B5
F8	30 % w/v Polyethylene glycol 6,000	1 M Lithium chloride	none	100 mM Sodium acetate	4/B6
F9	2 % w/v Polyethylene glycol 8,000	500 mM Lithium sulfate	none	none	4/C2
F10	2 % w/v Polyethylene glycol 8,000	1 M Lithium sulfate	none	none	4/C3
F11	4 % w/v Polyethylene glycol 8,000	none	none	none	4/C4
F12	8 % w/v Polyethylene glycol 8,000	200 mM Lithium chloride	none	50 mM Magnesium sulfate	4/C5

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



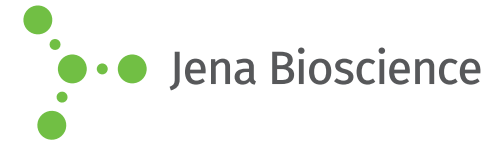


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No.	Precipitant 1	Precipitant 2	Buffer	Additive	Classic Bulk No.
G1	10 % w/v Polyethylene glycol 8,000	none	100 mM MES; pH 6.5	200 mM Zinc acetate	4/D1
G2	10 % w/v Polyethylene glycol 8,000	none	100 mM HEPES; pH 7.5	200 mM Calcium acetate	4/D2
G3	10 % w/v Polyethylene glycol 8,000	none	none	50 mM Magnesium acetate	4/D3
G4	10 % w/v Polyethylene glycol 8,000	none	none	200 mM Magnesium acetate	4/D4
G5	10 % w/v Polyethylene glycol 8,000	10 % w/v Ethylene glycol	100 mM HEPES; pH 7.5	none	4/D5
G6	12 % w/v Polyethylene glycol 8,000	10 % w/v Glycerol	none	500 mM Potassium chloride	5/A2
G7	15 % w/v Polyethylene glycol 8,000	none	none	200 mM Ammonium sulfate	5/A3
G8	15 % w/v Polyethylene glycol 8,000	500 mM Lithium sulfate	none	none	5/A4
G9	15 % w/v Polyethylene glycol 8,000	none	100 mM MES; pH 6.5	200 mM Sodium acetate	5/A5
G10	18 % w/v Polyethylene glycol 8,000	none	100 mM HEPES; pH 7.5	200 mM Calcium acetate	5/B1
G11	18 % w/v Polyethylene glycol 8,000	2 % w/v 2-Propanol	100 mM HEPES; pH 7.5	100 mM Sodium acetate	5/B2
G12	18 % w/v Polyethylene glycol 8,000	none	100 mM TRIS; pH 8.5	200 mM Lithium sulfate	5/B3
H1	20 % w/v Polyethylene glycol 8,000	none	100 mM MES; pH 6.5	200 mM Magnesium acetate	5/B5
H2	20 % w/v Polyethylene glycol 8,000	none	100 mM CHES; pH 9.5	none	5/B6
H3	25 % w/v Polyethylene glycol 8,000	none	none	200 mM Lithium chloride	5/C2
H4	30 % w/v Polyethylene glycol 8,000	none	none	200 mM Ammonium sulfate	5/C3
H5	8 % w/v Polyethylene glycol 10,000	none	100 mM Sodium acetate; pH 4.6	none	5/C4
H6	14 % w/v Polyethylene glycol 10,000	none	100 mM Imidazole; pH 8.0	none	5/C5
H7	18 % w/v Polyethylene glycol 10,000	20 % w/v Glycerol	100 mM TRIS; pH 8.5	100 mM Sodium chloride	5/D1
H8	20 % w/v Polyethylene glycol 10,000	none	100 mM HEPES; pH 7.5	none	5/D2
H9	30 % w/v Polyethylene glycol 10,000	none	100 mM TRIS; pH 8.5	none	5/D3
H10	10 % w/v Polyethylene glycol 20,000	none	100 mM MES; pH 6.5	none	5/D4
H11	17 % w/v Polyethylene glycol 20,000	none	100 mM TRIS; pH 8.5	100 mM Magnesium chloride	5/D5
H12	20 % w/v Polyethylene glycol 20,000	none	none	none	5/D6

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

