



JBScreen Wizard 1 & 2 HTS

Cat.-No.: CS-318

SCREEN FORMULATION



No.	Precipitant	Precipitant 2	Buffer	Additive
12/A1	20 % w/v Polyethylene glycol 8,000	none	100 mM CHES; pH 9.5	none
12/A2	10 % v/v 2-Propanol	none	100 mM HEPES; pH 7.5	200 mM Sodium chloride
12/A3	15 % v/v Ethanol	none	100 mM CHES; pH 9.5	none
12/A4	35 % v/v 2-Methyl-2,4-pentanediol	none	100 mM Imidazole; pH 8.0	200 mM Magnesium chloride
12/A5	30 % v/v Polyethylene glycol 400	none	100 mM CAPS; pH 10.5	none
12/A6	20 % w/v Polyethylene glycol 3,000	none	100 mM tri-Sodium citrate; pH 5.5	none
12/A7	10 % w/v Polyethylene glycol 8,000	none	100 mM MES; pH 6.0	200 mM Zinc acetate
12/A8	2 M Ammonium sulfate	none	100 mM tri-Sodium citrate; pH 5.5	none
12/A9	1 M di-Ammonium hydrogen phosphate	none	100 mM Sodium acetate; pH 4.5	none
12/A10	20 % w/v Polyethylene glycol monomethyl ether 2,000	none	100 mM TRIS; pH 7.0	none
12/A11	20 % v/v 1,4-Butanediol	none	100 mM MES; pH 6.0	200 mM Lithium sulfate
12/A12	20 % w/v Polyethylene glycol 1,000	none	100 mM Imidazole; pH 8.0	200 mM Calcium acetate
12/B1	1.26 M Ammonium sulfate	none	100 mM MES; pH 6.5	none
12/B2	1 M tri-Sodium citrate	none	100 mM MES; pH 6.5	none
12/B3	10 % w/v Polyethylene glycol 3,000	none	100 mM Imidazole; pH 8.0	200 mM Lithium sulfate
12/B4	2.5 M Sodium chloride	none	100 mM Sodium Potassium phosphate; pH 6.2	none
12/B5	30 % w/v Polyethylene glycol 8,000	none	100 mM Sodium acetate; pH 4.5	200 mM Lithium sulfate
12/B6	1 M Potassium Sodium tartrate	none	100 mM Imidazole; pH 8.0	200 mM Sodium chloride
12/B7	20 % w/v Polyethylene glycol 1,000	none	100 mM TRIS; pH 7.0	none
12/B8	400 mM Sodium di-hydrogen phosphate	1.6 M di-Potassium hydrogen phosphate	100 mM Imidazole; pH 8.0	200 mM Sodium chloride
12/B9	20 % w/v Polyethylene glycol 8,000	none	100 mM HEPES; pH 7.5	none
12/B10	10 % v/v 2-Propanol	none	100 mM TRIS; pH 8.5	none
12/B11	15 % v/v Ethanol	none	100 mM Imidazole; pH 8.0	200 mM Magnesium chloride
12/B12	35 % v/v 2-Methyl-2,4-pentanediol	none	100 mM TRIS; pH 7.0	200 mM Sodium chloride

*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	Precipitant 2	Buffer	Additive
12/C1	30 % v/v Polyethylene glycol 400	none	100 mM TRIS; pH 8.5	200 mM Magnesium chloride
12/C2	10 % w/v Polyethylene glycol 3,000	none	100 mM CHES; pH 9.5	none
12/C3	1.2 M Sodium di-hydrogen phosphate	800 mM di-Potassium hydrogen phosphate	100 mM CAPS; pH 10.5	200 mM Lithium sulfate
12/C4	20 % w/v Polyethylene glycol 3,000	none	100 mM HEPES; pH 7.5	200 mM Sodium chloride
12/C5	10 % w/v Polyethylene glycol 8,000	none	100 mM CHES; pH 9.5	200 mM Sodium chloride
12/C6	1.26 M Ammonium sulfate	none	100 mM Sodium acetate; pH 4.5	200 mM Sodium chloride
12/C7	20 % w/v Polyethylene glycol 8,000	none	100 mM Sodium phosphate citrate; pH 4.2	200 mM Sodium chloride
12/C8	10 % w/v Polyethylene glycol 3,000	none	100 mM Sodium Potassium phosphate; pH 6.2	none
12/C9	2 M Ammonium sulfate	none	100 mM CAPS; pH 10.5	200 mM Lithium sulfate
12/C10	1 M di-Ammonium hydrogen phosphate	none	100 mM Imidazole; pH 8.0	none
12/C11	20 % v/v 1,4-Butanediol	none	100 mM Sodium acetate; pH 4.5	none
12/C12	1 M tri-Sodium citrate	none	100 mM Imidazole; pH 8.0	none
12/D1	2.5 M Sodium chloride	none	100 mM Imidazole; pH 8.0	none
12/D2	1 M Potassium Sodium tartrate	none	100 mM CHES; pH 9.5	200 mM Lithium sulfate
12/D3	20 % w/v Polyethylene glycol 1,000	none	100 mM Sodium phosphate citrate; pH 4.2	200 mM Lithium sulfate
12/D4	10 % v/v 2-Propanol	none	100 mM MES; pH 6.0	200 mM Calcium acetate
12/D5	30 % w/v Polyethylene glycol 3,000	none	100 mM CHES; pH 9.5	none
12/D6	15 % v/v Ethanol	none	100 mM TRIS; pH 7.0	none
12/D7	35 % v/v 2-Methyl-2,4-pentanediol	none	100 mM Sodium Potassium phosphate; pH 6.2	none
12/D8	30 % v/v Polyethylene glycol 400	none	100 mM Sodium acetate; pH 4.5	200 mM Calcium acetate
12/D9	20 % w/v Polyethylene glycol 3,000	none	100 mM Sodium acetate; pH 4.5	none
12/D10	10 % w/v Polyethylene glycol 8,000	none	100 mM Imidazole; pH 8.0	200 mM Calcium acetate
12/D11	1.26 M Ammonium sulfate	none	100 mM TRIS; pH 8.5	200 mM Lithium sulfate
12/D12	20 % w/v Polyethylene glycol 1,000	none	100 mM Sodium acetate; pH 4.5	200 mM Zinc acetate

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No.	Precipitant	Precipitant 2	Buffer	Additive
12/E1	10 % w/v Polyethylene glycol 3,000	none	100 mM Sodium acetate; pH 4.5	200 mM Zinc acetate
12/E2	35 % v/v 2-Methyl-2,4-pentanediol	none	100 mM MES; pH 6.0	200 mM Lithium sulfate
12/E3	20 % w/v Polyethylene glycol 8,000	none	100 mM TRIS; pH 8.5	200 mM Magnesium chloride
12/E4	2 M Ammonium sulfate	none	100 mM MES; pH 6.5	200 mM Sodium chloride
12/E5	20 % v/v 1,4-Butanediol	none	100 mM HEPES; pH 7.5	200 mM Sodium chloride
12/E6	10 % v/v 2-Propanol	none	100 mM Sodium phosphate citrate; pH 4.2	200 mM Lithium sulfate
12/E7	30 % w/v Polyethylene glycol 3,000	none	100 mM TRIS; pH 7.0	200 mM Sodium chloride
12/E8	10 % w/v Polyethylene glycol 8,000	none	100 mM Sodium Potassium phosphate; pH 6.2	200 mM Sodium chloride
12/E9	2 M Ammonium sulfate	none	100 mM Sodium phosphate citrate; pH 4.2	none
12/E10	1 M di-Ammonium hydrogen phosphate	none	100 mM TRIS; pH 8.5	none
12/E11	10 % v/v 2-Propanol	none	100 mM MES; pH 6.5	200 mM Zinc acetate
12/E12	30 % v/v Polyethylene glycol 400	none	100 mM MES; pH 6.5	200 mM Lithium sulfate
12/F1	15 % v/v Ethanol	none	100 mM tri-Sodium citrate; pH 5.5	200 mM Lithium sulfate
12/F2	20 % w/v Polyethylene glycol 1,000	none	100 mM Sodium Potassium phosphate; pH 6.2	200 mM Sodium chloride
12/F3	1.26 M Ammonium sulfate	none	100 mM HEPES; pH 7.5	none
12/F4	1 M tri-Sodium citrate	none	100 mM CHES; pH 9.5	none
12/F5	2.5 M Sodium chloride	none	100 mM TRIS; pH 7.0	200 mM Magnesium chloride
12/F6	20 % w/v Polyethylene glycol 3,000	none	100 mM TRIS; pH 7.0	200 mM Calcium acetate
12/F7	1.6 M Sodium di-hydrogen phosphate	400 mM di-Potassium hydrogen phosphate	100 mM Sodium phosphate citrate; pH 4.2	none
12/F8	15 % v/v Ethanol	none	100 mM MES; pH 6.0	200 mM Zinc acetate
12/F9	35 % v/v 2-Methyl-2,4-pentanediol	none	100 mM Sodium acetate; pH 4.5	none
12/F10	10 % v/v 2-Propanol	none	100 mM Imidazole; pH 8.0	none
12/F11	15 % v/v Ethanol	none	100 mM HEPES; pH 7.5	200 mM Magnesium chloride
12/F12	30 % w/v Polyethylene glycol 8,000	none	100 mM Imidazole; pH 8.0	200 mM Sodium chloride

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

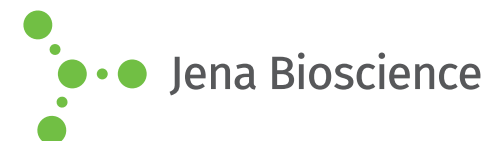




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No.	Precipitant	Precipitant 2	Buffer	Additive
12/G1	35 % v/v 2-Methyl-2,4-pentanediol	none	100 mM HEPES; pH 7.5	200 mM Sodium chloride
12/G2	30 % v/v Polyethylene glycol 400	none	100 mM CHES; pH 9.5	none
12/G3	10 % w/v Polyethylene glycol 3,000	none	100 mM MES; pH 6.5	200 mM Magnesium chloride
12/G4	20 % w/v Polyethylene glycol 8,000	none	100 mM MES; pH 6.0	200 mM Calcium acetate
12/G5	1.26 M Ammonium sulfate	none	100 mM CHES; pH 9.5	200 mM Sodium chloride
12/G6	20 % v/v 1,4-Butanediol	none	100 mM Imidazole; pH 8.0	200 mM Zinc acetate
12/G7	1 M tri-Sodium citrate	none	100 mM TRIS; pH 7.0	200 mM Sodium chloride
12/G8	20 % w/v Polyethylene glycol 1,000	none	100 mM TRIS; pH 8.5	none
12/G9	1 M di-Ammonium hydrogen phosphate	none	100 mM tri-Sodium citrate; pH 5.5	200 mM Sodium chloride
12/G10	10 % w/v Polyethylene glycol 8,000	none	100 mM Imidazole; pH 8.0	none
12/G11	800 mM Sodium di-hydrogen phosphate	1.2 M di-Potassium hydrogen phosphate	100 mM Sodium acetate; pH 4.5	none
12/G12	10 % w/v Polyethylene glycol 3,000	none	100 mM Sodium phosphate citrate; pH 4.2	200 mM Sodium chloride
12/H1	1 M Potassium Sodium tartrate	none	100 mM TRIS; pH 7.0	200 mM Lithium sulfate
12/H2	2.5 M Sodium chloride	none	100 mM Sodium acetate; pH 4.5	200 mM Lithium sulfate
12/H3	20 % w/v Polyethylene glycol 8,000	none	100 mM CAPS; pH 10.5	200 mM Sodium chloride
12/H4	20 % w/v Polyethylene glycol 3,000	none	100 mM Imidazole; pH 8.0	200 mM Zinc acetate
12/H5	2 M Ammonium sulfate	none	100 mM TRIS; pH 7.0	200 mM Lithium sulfate
12/H6	30 % v/v Polyethylene glycol 400	none	100 mM HEPES; pH 7.5	200 mM Sodium chloride
12/H7	10 % w/v Polyethylene glycol 8,000	none	100 mM TRIS; pH 7.0	200 mM Magnesium chloride
12/H8	20 % w/v Polyethylene glycol 1,000	none	100 mM MES; pH 6.5	200 mM Magnesium chloride
12/H9	1.26 M Ammonium sulfate	none	100 mM MES; pH 6.0	none
12/H10	1 M di-Ammonium hydrogen phosphate	none	100 mM Imidazole; pH 8.0	200 mM Sodium chloride
12/H11	2.5 M Sodium chloride	none	100 mM Imidazole; pH 8.0	200 mM Zinc acetate
12/H12	800 mM Potassium Sodium tartrate	none	100 mM MES; pH 6.0	none

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

