JBScreen PACT++ HTS

Cat.-No.: CS-207L

SCREEN FORMULATION

Jena Bioscience

No.	Precipitant	Buffer	Additive
A1	25 % w/v Polyethylene glycol 1,500	100 mM SPG buffer; pH 4.0	none
A2	25 % w/v Polyethylene glycol 1,500	100 mM SPG buffer; pH 5.0	none
A3	25 % w/v Polyethylene glycol 1,500	100 mM SPG buffer; pH 6.0	none
A4	25 % w/v Polyethylene glycol 1,500	100 mM SPG buffer; pH 7.0	none
A5	25 % w/v Polyethylene glycol 1,500	100 mM SPG buffer; pH 8.0	none
A6	25 % w/v Polyethylene glycol 1,500	100 mM SPG buffer; pH 9.0	none
A7	20 % w/v Polyethylene glycol 6,000	100 mM Sodium acetate; pH 5.0	200 mM Sodium chloride
A8	20 % w/v Polyethylene glycol 6,000	100 mM Sodium acetate; pH 5.0	200 mM Ammonium chloride
A9	20 % w/v Polyethylene glycol 6,000	100 mM Sodium acetate; pH 5.0	200 mM Lithium chloride
A10	20 % w/v Polyethylene glycol 6,000	100 mM Sodium acetate; pH 5.0	200 mM Magnesium chloride
A11	20 % w/v Polyethylene glycol 6,000	100 mM Sodium acetate; pH 5.0	200 mM Calcium chloride
A12	20 % w/v Polyethylene glycol 6,000	100 mM Sodium acetate; pH 5.0	10 mM Zinc chloride
B1	25 % w/v Polyethylene glycol 1,500	100 mM MIB buffer; pH 4.0	none
B2	25 % w/v Polyethylene glycol 1,500	100 mM MIB buffer; pH 5.0	none
B3	25 % w/v Polyethylene glycol 1,500	100 mM MIB buffer; pH 6.0	none
B4	25 % w/v Polyethylene glycol 1,500	100 mM MIB buffer; pH 7.0	none
B5	25 % w/v Polyethylene glycol 1,500	100 mM MIB buffer; pH 8.0	none
B6	25 % w/v Polyethylene glycol 1,500	100 mM MIB buffer; pH 9.0	none
B7	20 % w/v Polyethylene glycol 6,000	100 mM MES; pH 6.0	200 mM Sodium chloride
B8	20 % w/v Polyethylene glycol 6,000	100 mM MES; pH 6.0	200 mM Ammonium chloride
B9	20 % w/v Polyethylene glycol 6,000	100 mM MES; pH 6.0	200 mM Lithium chloride
B10	20 % w/v Polyethylene glycol 6,000	100 mM MES; pH 6.0	200 mM Magnesium chloride
B11	20 % w/v Polyethylene glycol 6,000	100 mM MES; pH 6.0	200 mM Calcium chloride
B12	20 % w/v Polyethylene glycol 6,000	100 mM MES; pH 6.0	10 mM Zinc 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	Buffer	Additive
C1	25 % w/v Polyethylene glycol 1,500	100 mM TBG Buffer; pH 4.0	none
C2	25 % w/v Polyethylene glycol 1,500	100 mM TBG Buffer; pH 5.0	none
C3	25 % w/v Polyethylene glycol 1,500	100 mM TBG Buffer; pH 6.0	none
C4	25 % w/v Polyethylene glycol 1,500	100 mM TBG Buffer; pH 7.0	none
C5	25 % w/v Polyethylene glycol 1,500	100 mM TBG Buffer; pH 8.0	none
C6	25 % w/v Polyethylene glycol 1,500	100 mM TBG Buffer; pH 9.0	none
C7	20 % w/v Polyethylene glycol 6,000	100 mM HEPES; pH 7.0	200 mM Sodium chloride
C8	20 % w/v Polyethylene glycol 6,000	100 mM HEPES; pH 7.0	200 mM Ammonium chloride
C9	20 % w/v Polyethylene glycol 6,000	100 mM HEPES; pH 7.0	200 mM Lithium chloride
C10	20 % w/v Polyethylene glycol 6,000	100 mM HEPES; pH 7.0	200 mM Magnesium chloride
C11	20 % w/v Polyethylene glycol 6,000	100 mM HEPES; pH 7.0	200 mM Calcium chloride
C12	20 % w/v Polyethylene glycol 6,000	100 mM HEPES; pH 7.0	10 mM Zinc chloride
D1	25 % w/v Polyethylene glycol 1,500	100 mM MMT buffer; pH 4.0	none
D2	25 % w/v Polyethylene glycol 1,500	100 mM MMT buffer; pH 5.0	none
D3	25 % w/v Polyethylene glycol 1,500	100 mM MMT buffer; pH 6.0	none
D4	25 % w/v Polyethylene glycol 1,500	100 mM MMT buffer; pH 7.0	none
D5	25 % w/v Polyethylene glycol 1,500	100 mM MMT buffer; pH 8.0	none
D6	25 % w/v Polyethylene glycol 1,500	100 mM MMT buffer; pH 9.0	none
D7	20 % w/v Polyethylene glycol 6,000	100 mM TRIS; pH 8.0	200 mM Sodium chloride
D8	20 % w/v Polyethylene glycol 6,000	100 mM TRIS; pH 8.0	200 mM Ammonium chloride
D9	20 % w/v Polyethylene glycol 6,000	100 mM TRIS; pH 8.0	200 mM Lithium chloride
D10	20 % w/v Polyethylene glycol 6,000	100 mM TRIS; pH 8.0	200 mM Magnesium chloride
D11	20 % w/v Polyethylene glycol 6,000	100 mM TRIS; pH 8.0	200 mM Calcium chloride
D12	20 % w/v Polyethylene glycol 6,000	100 mM TRIS; pH 8.0	10 mM Zinc 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	Buffer	Additive
E1	20 % w/v Polyethylene glycol 3,350	none	200 mM Sodium fluoride
E2	20 % w/v Polyethylene glycol 3,350	none	200 mM Sodium bromide
E3	20 % w/v Polyethylene glycol 3,350	none	200 mM Sodium iodide
E4	20 % w/v Polyethylene glycol 3,350	none	200 mM Potassium thiocyanate
E5	20 % w/v Polyethylene glycol 3,350	none	200 mM Sodium nitrate
E6	20 % w/v Polyethylene glycol 3,350	none	200 mM Sodium formate
E7	20 % w/v Polyethylene glycol 3,350	none	200 mM Sodium acetate
E8	20 % w/v Polyethylene glycol 3,350	none	200 mM Sodium sulfate
E9	20 % w/v Polyethylene glycol 3,350	none	200 mM Potassium Sodium tartrate
E10	20 % w/v Polyethylene glycol 3,350	none	200 mM Sodium Potassium phosphate
E11	20 % w/v Polyethylene glycol 3,350	none	200 mM tri-Sodium citrate
E12	20 % w/v Polyethylene glycol 3,350	none	200 mM di-Sodium malonate
F1	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Sodium fluoride
F2	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Sodium bromide
F3	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Sodium iodide
F4	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Potassium thiocyanate
F5	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Sodium nitrate
F6	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Sodium formate
F7	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Sodium acetate
F8	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Sodium sulfate
F9	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Potassium Sodium tartrate
F10	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM Sodium Potassium phosphate
F11	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM tri-Sodium citrate
F12	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 6.5	200 mM di-Sodium malonate

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SCREEN FORMULATION

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No.	Precipitant	Buffer	Additive
G1	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Sodium fluoride
G2	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Sodium bromide
G3	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Sodium iodide
G4	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Potassium thiocyanate
G5	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Sodium nitrate
G6	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Sodium formate
G7	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Sodium acetate
G8	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Sodium sulfate
G9	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM Potassium Sodium tartrate
G10	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	none
G11	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM tri-Sodium citrate
G12	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 7.5	200 mM di-Sodium malonate
H1	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Sodium fluoride
H2	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Sodium bromide
H3	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Sodium iodide
H4	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Potassium thiocyanate
H5	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Sodium nitrate
H6	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Sodium formate
H7	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Sodium acetate
H8	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Sodium sulfate
H9	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM Potassium Sodium tartrate
H10	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	20 mM Sodium Potassium phosphate
H11	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM tri-Sodium citrate
H12	20 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS propane; pH 8.5	200 mM di-Sodium malonate

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