



No.	Precipitant	Buffer	Additive
1	15 % v/v Polyethylene glycol 300	100 mM HEPES; pH 7.6	50 mM Ethylenediaminetetraacetic acid disodium salt; pH 8.0, 1.2 % v/v 1,7 Heptanediol
2	30 % v/v Polyethylene glycol 300	100 mM HEPES; pH 7.5	100 mM Ammonium di-hydrogen phosphate, 2 % v/v 2-Methyl-2,4-pentanediol
3	30 % v/v Polyethylene glycol 300	100 mM Sodium Phosphate; pH 6.3	150 mM Sodium chloride
4	32 % v/v Polyethylene glycol 300	100 mM HEPES; pH 7.5	100 mM Ammonium di-hydrogen phosphate, 1 % v/v 1,7 Heptanediol
5	37 % v/v Polyethylene glycol 300	100 mM BIS-TRIS propane; pH 6.5	100 mM di-Ammonium hydrogen phosphate
6	10 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.5	150 mM Ammonium sulfate
7	13 % v/v Polyethylene glycol 400	100 mM MES; pH 6.0	170 mM Potassium Sodium tartrate, 0.45 % v/v Jeffamine® M-600; pH 7.0
8	14 % v/v Polyethylene glycol 400	100 mM TRIS; pH 7.5	6 % v/v 2-Methyl-2,4-pentanediol
9	18 % v/v Polyethylene glycol 400	100 mM TRIS; pH 7.5	100 mM tri-Sodium citrate
10	18 % v/v Polyethylene glycol 400	50 mM HEPES; pH 7.0	100 mM Potassium sulfate
11	18.5 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.0	50 mM Lithium sulfate, 100 mM Sodium chloride
12	19.5 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.0	350 mM Ammonium di-hydrogen phosphate
13	20 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.5	300 mM di-Sodium malonate, 5 mM 2-Aminoethanesulfonic acid
14	20 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.0	400 mM Sodium chloride
15	20 % v/v Polyethylene glycol 400	100 mM MES; pH 6.5	400 mM Potassium nitrate; pH 6.9, 1 mM Tris(2-carboxyethyl)phosphine hydrochloride
16	21 % v/v Polyethylene glycol 400	100 mM MES; pH 6.5	70 mM di-Ammonium hydrogen phosphate
17	23 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.25	300 mM di-Sodium malonate, 5 mM Nickel (II) chloride
18	25 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.5	200 mM Potassium Sodium tartrate
19	26 % v/v Polyethylene glycol 400	100 mM MES; pH 6.7	200 mM Lithium sulfate, 3.5 % v/v 1,4-Butanediol, 4 % v/v Dimethyl sulfoxide
20	26 % v/v Polyethylene glycol 400	100 mM MES; pH 6.0	300 mM di-Sodium malonate, 5 mM Strontium chloride
21	26 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.0	300 mM Ammonium sulfate
22	26.5 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.0	50 mM Sodium thiocyanate, 2 % v/v 2,5-Hexanediol
23	27 % v/v Polyethylene glycol 400	100 mM TRIS; pH 7.75	220 mM Sodium formate, 5 % v/v 1,4-Butanediol
24	27 % v/v Polyethylene glycol 400	100 mM HEPES; pH 6.9	150 mM Ammonium fluoride, 2.5 % v/v Jeffamine® M-600

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



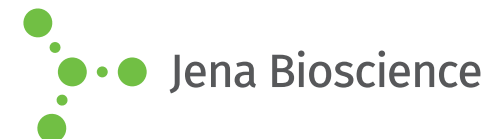
No.	Precipitant	Buffer	Additive
25	27.5 % v/v Polyethylene glycol 400	100 mM BIS-TRIS propane; pH 6.7	120 mM di-Sodium tartrate, 3 % v/v 1,3-Butanediol
26	27.5 % v/v Polyethylene glycol 400	100 mM BIS-TRIS propane; pH 6.4	150 mM Potassium Sodium tartrate
27	28 % v/v Polyethylene glycol 400	100 mM BIS-TRIS propane; pH 7.0	300 mM Potassium formate
28	28 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 4.5	300 mM Ammonium di-hydrogen phosphate, 10 mM Magnesium chloride
29	28.5 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.0	100 mM di-Ammonium hydrogen phosphate, 6 mM Tris(2-carboxyethyl)phosphine hydrochloride
30	29 % v/v Polyethylene glycol 400	100 mM MES; pH 6.8	200 mM di-Ammonium hydrogen phosphate
31	29 % v/v Polyethylene glycol 400	50 mM tri-Sodium citrate; pH 4.0	200 mM Lithium sulfate
32	29.5 % v/v Polyethylene glycol 400	100 mM TRIS; pH 7.75	350 mM Sodium formate, 5 % v/v 1,4-Butanediol
33	30 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.0	200 mM di-Sodium malonate
34	30 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 6.5	185 mM Lithium sulfate
35	30 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.0	200 mM Magnesium chloride
36	30 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.5	200 mM Lithium sulfate
37	30 % v/v Polyethylene glycol 400	100 mM BIS-TRIS propane; pH 7.5	300 mM Ammonium acetate, 2 % w/v D-(+)-Glucose
38	30 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.0	100 mM Sodium chloride
39	30 % v/v Polyethylene glycol 400	100 mM MES; pH 6.0	100 mM Magnesium sulfate, 2.5 % v/v Polypropylene glycol 400
40	30 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 6.0	400 mM Potassium nitrate
41	30 % v/v Polyethylene glycol 400	100 mM TRIS; pH 7.5	400 mM Lithium chloride
42	30 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.0	100 mM Magnesium sulfate
43	30 % v/v Polyethylene glycol 400	100 mM MES; pH 6.3	100 mM Ammonium formate
44	30 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.0	100 mM Sodium thiocyanate
45	30 % v/v Polyethylene glycol 400	100 mM MES; pH 6.5	100 mM Sodium thiocyanate, 20 mM Calcium chloride
46	30 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.0	100 mM Sodium thiocyanate, 20 mM Calcium chloride
47	30 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.5	100 mM Sodium chloride, 3 % w/v D-(+)-Trehalose
48	30 % v/v Polyethylene glycol 400	50 mM MES; pH 6.5	100 mM Magnesium chloride

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**JBScreen LCP**

Cat.-No.: CS-340

SCREEN FORMULATION



Jena Bioscience

No.	Precipitant	Buffer	Additive
49	30 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.5	2 mM β -Mercaptoethanol
50	31 % v/v Polyethylene glycol 400	100 mM MES; pH 6.0	300 mM di-Sodium malonate, 5 mM Cobalt (III) Hexamine chloride
51	31 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.5	150 mM tri-Sodium citrate, 350 mM Magnesium chloride
52	32 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.8	70 mM Ammonium fluoride, 6 % v/v Polypropylene glycol 400
53	32 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.0	100 mM Sodium chloride
54	32 % v/v Polyethylene glycol 400	50 mM MES; pH 6.5	100 mM Sodium thiocyanate, 20 mM Calcium chloride
55	32 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 4.5	75 mM Sodium chloride, 130 mM Magnesium chloride
56	32.5 % v/v Polyethylene glycol 400	100 mM BIS-TRIS propane; pH 6.75	150 mM Sodium sulfate, 6 % v/v 1,4-Butanediol
57	32.5 % v/v Polyethylene glycol 400	100 mM MES; pH 6.2	100 mM Potassium Sodium tartrate, 5 % v/v Ethylene glycol
58	34 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.7	90 mM tri-Sodium citrate, 120 mM Ammonium sulfate
59	34 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.0	300 mM Lithium sulfate, 7.5 % v/v Dimethyl sulfoxide
60	35 % v/v Polyethylene glycol 400	none	4 % v/v Glycerol, 80 mM tri-Sodium citrate, 100 mM TRICINE
61	35 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 5.0	370 mM Ammonium acetate, 3 % v/v 1-Propanol
62	36 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.2	100 mM Ammonium chloride
63	37.5 % v/v Polyethylene glycol 400	100 mM tri-Sodium citrate; pH 6.0	180 mM di-Ammonium tartrate, 4 % v/v 2-Methyl-2,4-pentanediol
64	38 % v/v Polyethylene glycol 400	100 mM HEPES; pH 7.0	300 mM Lithium chloride, 30 mM Strontium chloride
65	39 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.5	100 mM Potassium chloride
66	39.8 % v/v Polyethylene glycol 400	100 mM BIS-TRIS propane; pH 7.2	100 mM Ammonium di-hydrogen phosphate
67	40 % v/v Polyethylene glycol 400	100 mM TRIS; pH 8.0	4 % v/v Dimethyl sulfoxide, 1 % v/v 1,7 Heptanediol
68	40 % v/v Polyethylene glycol 400	50 mM MES; pH 6.5	1.6 M Sodium chloride
69	40 % v/v Polyethylene glycol 400	100 mM ADA; pH 6.5	160 mM Lithium chloride, 4 mM Strontium chloride
70	40 % v/v Polyethylene glycol 400	100 mM ADA; pH 6.5	200 mM Lithium sulfate
71	42 % v/v Polyethylene glycol 400	100 mM MES; pH 6.5	150 mM Sodium acetate
72	25 % v/v Polyethylene glycol dimethyl ether 500	100 mM MES; pH 6.0	10 mM Copper (II) chloride, 200 mM Ammonium formate

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JBScreen LCP

Cat.-No.: CS-340

SCREEN FORMULATION



No.	Precipitant	Buffer	Additive
73	30 % v/v Polyethylene glycol dimethyl ether 500	100 mM MES; pH 6.0	2 mM Cadmium chloride
74	30 % v/v Polyethylene glycol dimethyl ether 500	100 mM tri-Sodium citrate; pH 6.0	100 mM Magnesium chloride, 100 mM Sodium chloride, 100 mM Ammonium sulfate
75	14 % v/v Polyethylene glycol monomethyl ether 550	100 mM HEPES; pH 7.5	200 mM Lithium sulfate
76	15 % v/v Polyethylene glycol monomethyl ether 550	100 mM HEPES; pH 7.0	200 mM Potassium Sodium tartrate, 1 mM Tris(2-carboxyethyl)phosphine hydrochloride
77	25 % v/v Polyethylene glycol monomethyl ether 550	50 mM ADA; pH 6.25	350 mM Sodium nitrate, 50 mM di-Sodium malonate; pH 7.0
78	28 % v/v Polyethylene glycol monomethyl ether 550	100 mM TRIS; pH 8.0	100 mM Lithium sulfate
79	28 % v/v Polyethylene glycol monomethyl ether 550	50 mM ADA; pH 7.0	550 mM Ammonium sulfate
80	25 % v/v Polyethylene glycol 600	100 mM ADA; pH 7.0	none
81	22.5 % w/v Polyethylene glycol 1,500	100 mM MES; pH 5.5	300 mM Sodium acetate
82	12 % w/v Polyethylene glycol 3,350	100 mM Sodium acetate; pH 4.6	200 mM di-Sodium malonate
83	25 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	200 mM Lithium sulfate
84	25 % w/v Polyethylene glycol 3,350	100 mM BIS-TRIS; pH 5.5	none
85	10 % w/v Polyethylene glycol 4,000	100 mM Sodium acetate; pH 4.6	200 mM Potassium chloride
86	20 % w/v Polyethylene glycol 6,000	100 mM BICINE; pH 9.0	none
87	30 % w/v Polyethylene glycol 8,000	none	200 mM Ammonium sulfate
88	10 % w/v Pentaerythritol Propoxylate (5/4 PO/OH)	100 mM MES; pH 6.5	100 mM Ammonium chloride, 10 mM Calcium chloride
89	20 % w/v Pentaerythritol Propoxylate (5/4 PO/OH)	100 mM TRIS; pH 8.0	100 mM Potassium formate
90	4 % v/v 2-Methyl-2,4-pentanediol	100 mM tri-Sodium citrate; pH 5.6	100 mM Sodium chloride, 100 mM Lithium nitrate
91	5 % v/v 2-Methyl-2,4-pentanediol	100 mM tri-Sodium citrate; pH 5.6	100 mM Sodium chloride, 60 mM Magnesium acetate
92	8 % v/v 2-Methyl-2,4-pentanediol	100 mM ADA; pH 6.7	400 mM Potassium nitrate, 100 mM tri-Potassium citrate
93	none	1 M Sodium Potassium phosphate; pH 5.1	300 mM D-(+)-Trehalose
94	1.5 M Sodium chloride	75 mM Sodium acetate; pH 4.6	none
95	1 M Sodium acetate	100 mM MES; pH 6.5	none
96	1 M Lithium sulfate	100 mM TRIS; pH 8.5	10 mM Nickel (II) chloride

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