Pi-PEG Screen

Cat.-No.: CS-128

SCREEN FORMULATION

Jena Bioscience

No.	Precipitant	Buffer	Additive
1	22.5 % v/v Polyethylene glycol 200	50 mM Sodium acetate; pH 4.8	none
2	20 % v/v Polyethylene glycol 300	50 mM Sodium acetate; pH 5.2	none
3	20 % v/v Polyethylene glycol monomethyl ether 350	50 mM MES; pH 5.6	none
4	20 % v/v Polyethylene glycol 400	50 mM MES; pH 6.0	none
5	20 % v/v Polyethylene glycol monomethyl ether 550	50 mM ADA; pH 6.4	none
6	20 % v/v Polyethylene glycol 600	50 mM ADA; pH 6.8	none
7	17.5 % w/v Polyethylene glycol 1,000	50 mM HEPES; pH 7.1	none
8	17.5 % w/v Polyethylene glycol 1,500	50 mM HEPES; pH 7.3	none
9	15 % w/v Polyethylene glycol 2,000	50 mM TRIS; pH 7.6	none
10	15 % w/v Polyethylene glycol monomethyl ether 2,000	50 mM TRIS; pH 8.0	none
11	15 % w/v Polyethylene glycol 3,000	50 mM BICINE; pH 8.4	none
12	15 % w/v Polyethylene glycol 4,000	50 mM BICINE; pH 8.8	none
13	15 % w/v Polyethylene glycol 1,500	50 mM Sodium acetate; pH 4.8	3.6 % w/v Polyethylene glycol 4,000
14	12.9 % w/v Polyethylene glycol 2,000	50 mM Sodium acetate; pH 5.2	6.4 % v/v Polyethylene glycol 200
15	12.9 % w/v Polyethylene glycol monomethyl ether 2,000	50 mM MES; pH 5.6	5.7 % v/v Polyethylene glycol 300
16	12.9 % w/v Polyethylene glycol 3,000	50 mM MES; pH 6.0	5.7 % v/v Polyethylene glycol monomethyl ether 350
17	12.9 % w/v Polyethylene glycol 4,000	50 mM ADA; pH 6.4	5.7 % v/v Polyethylene glycol 400
18	19.3 % v/v Polyethylene glycol 200	50 mM ADA; pH 6.8	5.7 % v/v Polyethylene glycol monomethyl ether 550
19	17.1 % v/v Polyethylene glycol 300	50 mM HEPES; pH 7.1	5.7 % v/v Polyethylene glycol 600
20	17.1 % v/v Polyethylene glycol monomethyl ether 350	50 mM HEPES; pH 7.3	5 % w/v Polyethylene glycol 1,000
21	17.1 % v/v Polyethylene glycol 400	50 mM TRIS; pH 7.6	5 % w/v Polyethylene glycol 1,500
22	17.1 % v/v Polyethylene glycol monomethyl ether 550	50 mM TRIS; pH 8.0	4.3 % w/v Polyethylene glycol 2,000
23	17.1 % v/v Polyethylene glycol 600	50 mM BICINE; pH 8.4	4.3 % w/v Polyethylene glycol monomethyl ether 2,000
24	15 % w/v Polyethylene glycol 1,000	50 mM BICINE; pH 8.8	4.3 % w/v Polyethylene glycol 3,000

*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
25	14.3 % v/v Polyethylene glycol monomethyl ether 350	50 mM Sodium acetate; pH 4.8	11.4 % v/v Polyethylene glycol 300
26	14.3 % v/v Polyethylene glycol 400	50 mM Sodium acetate; pH 5.2	11.4 % v/v Polyethylene glycol monomethyl ether 350
27	14.3 % v/v Polyethylene glycol monomethyl ether 550	50 mM MES; pH 5.6	11.4 % v/v Polyethylene glycol 400
28	14.3 % v/v Polyethylene glycol 600	50 mM MES; pH 6.0	11.4 % v/v Polyethylene glycol monomethyl ether 550
29	12.5 % w/v Polyethylene glycol 1,000	50 mM ADA; pH 6.4	11.4 % v/v Polyethylene glycol 600
30	12.5 % w/v Polyethylene glycol 1,500	50 mM ADA; pH 6.8	10 % w/v Polyethylene glycol 1,000
31	10.7 % w/v Polyethylene glycol 2,000	50 mM HEPES; pH 7.1	10 % w/v Polyethylene glycol 1,500
32	10.7 % w/v Polyethylene glycol monomethyl ether 2,000	50 mM HEPES; pH 7.3	8.6 % w/v Polyethylene glycol 2,000
33	10.7 % w/v Polyethylene glycol 3,000	50 mM TRIS; pH 7.6	8.6 % w/v Polyethylene glycol monomethyl ether 2,000
34	10.7 % w/v Polyethylene glycol 4,000	50 mM TRIS; pH 8.0	8.6 % w/v Polyethylene glycol 3,000
35	16.1 % v/v Polyethylene glycol 200	50 mM BICINE; pH 8.4	7.1 % w/v Polyethylene glycol 4,000
36	14.3 % v/v Polyethylene glycol 300	50 mM BICINE; pH 8.8	12.9 % v/v Polyethylene glycol 200
37	8.6 % w/v Polyethylene glycol monomethyl ether 2,000	50 mM Sodium acetate; pH 4.8	17.1 % v/v Polyethylene glycol 400
38	8.6 % w/v Polyethylene glycol 3,000	50 mM Sodium acetate; pH 5.2	17.1 % v/v Polyethylene glycol monomethyl ether 550
39	8.6 % w/v Polyethylene glycol 4,000	50 mM MES; pH 5.6	17.1 % v/v Polyethylene glycol 600
40	12.9 % v/v Polyethylene glycol 200	50 mM MES; pH 6.0	15 % w/v Polyethylene glycol 1,000
41	11.4 % v/v Polyethylene glycol 300	50 mM ADA; pH 6.4	15 % w/v Polyethylene glycol 1,500
42	11.4 % v/v Polyethylene glycol monomethyl ether 350	50 mM ADA; pH 6.8	12.9 % w/v Polyethylene glycol 2,000
43	11.4 % v/v Polyethylene glycol 400	50 mM HEPES; pH 7.1	12.9 % w/v Polyethylene glycol monomethyl ether 2,000
44	11.4 % v/v Polyethylene glycol monomethyl ether 550	50 mM HEPES; pH 7.3	12.9 % w/v Polyethylene glycol 3,000
45	11.4 % v/v Polyethylene glycol 600	50 mM TRIS; pH 7.6	10.7 % w/v Polyethylene glycol 4,000
46	10 % w/v Polyethylene glycol 1,000	50 mM TRIS; pH 8.0	19.3 % v/v Polyethylene glycol 200
47	10 % w/v Polyethylene glycol 1,500	50 mM BICINE; pH 8.4	17.1 % v/v Polyethylene glycol 300
48	8.6 % w/v Polyethylene glycol 2,000	50 mM BICINE; pH 8.8	17.1 % v/v Polyethylene glycol monomethyl ether 350

*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
49	8.6 % v/v Polyethylene glycol monomethyl ether 550	50 mM Sodium acetate; pH 4.8	22.9 % v/v Polyethylene glycol 600
50	8.6 % v/v Polyethylene glycol 600	50 mM Sodium acetate; pH 5.2	20 % w/v Polyethylene glycol 1,000
51	7.5 % w/v Polyethylene glycol 1,000	50 mM MES; pH 5.6	20 % w/v Polyethylene glycol 1,500
52	7.5 % w/v Polyethylene glycol 1,500	50 mM MES; pH 6.0	17.1 % w/v Polyethylene glycol 2,000
53	6.4 % w/v Polyethylene glycol 2,000	50 mM ADA; pH 6.4	17.1 % w/v Polyethylene glycol monomethyl ether 2,000
54	6.4 % w/v Polyethylene glycol monomethyl ether 2,000	50 mM ADA; pH 6.8	17.1 % w/v Polyethylene glycol 3,000
55	6.4 % w/v Polyethylene glycol 3,000	50 mM HEPES; pH 7.1	14.3 % w/v Polyethylene glycol 4,000
56	6.4 % w/v Polyethylene glycol 4,000	50 mM HEPES; pH 7.3	25.7 % v/v Polyethylene glycol 200
57	9.6 % v/v Polyethylene glycol 200	50 mM TRIS; pH 7.6	22.9 % v/v Polyethylene glycol 300
58	8.6 % v/v Polyethylene glycol 300	50 mM TRIS; pH 8.0	22.9 % v/v Polyethylene glycol monomethyl ether 350
59	8.6 % v/v Polyethylene glycol monomethyl ether 350	50 mM BICINE; pH 8.4	22.9 % v/v Polyethylene glycol 400
60	8.6 % v/v Polyethylene glycol 400	50 mM BICINE; pH 8.8	22.9 % v/v Polyethylene glycol monomethyl ether 550
61	4.3 % w/v Polyethylene glycol 4,000	50 mM Sodium acetate; pH 4.8	25 % w/v Polyethylene glycol 1,500
62	6.4 % v/v Polyethylene glycol 200	50 mM Sodium acetate; pH 5.2	21.4 % w/v Polyethylene glycol 2,000
63	5.7 % v/v Polyethylene glycol 300	50 mM MES; pH 5.6	21.4 % w/v Polyethylene glycol monomethyl ether 2,000
64	5.7 % v/v Polyethylene glycol monomethyl ether 350	50 mM MES; pH 6.0	21.4 % w/v Polyethylene glycol 3,000
65	5.7 % v/v Polyethylene glycol 400	50 mM ADA; pH 6.4	17.9 % w/v Polyethylene glycol 4,000
66	5.7 % v/v Polyethylene glycol monomethyl ether 550	50 mM ADA; pH 6.8	32.1 % v/v Polyethylene glycol 200
67	5.7 % v/v Polyethylene glycol 600	50 mM HEPES; pH 7.1	28.6 % v/v Polyethylene glycol 300
68	5 % w/v Polyethylene glycol 1,000	50 mM HEPES; pH 7.3	28.6 % v/v Polyethylene glycol monomethyl ether 350
69	5 % w/v Polyethylene glycol 1,500	50 mM TRIS; pH 7.6	28.6 % v/v Polyethylene glycol 400
70	4.3 % w/v Polyethylene glycol 2,000	50 mM TRIS; pH 8.0	28.6 % v/v Polyethylene glycol monomethyl ether 550
71	4.3 % w/v Polyethylene glycol monomethyl ether 2,000	50 mM BICINE; pH 8.4	28.6 % v/v Polyethylene glycol 600
72	4.3 % w/v Polyethylene glycol 3,000	50 mM BICINE; pH 8.8	25 % w/v Polyethylene glycol 1,000

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No.	Precipitant	Buffer	Additive
73	2.5 % w/v Polyethylene glycol 1,000	50 mM Sodium acetate; pH 4.8	25.7 % w/v Polyethylene glycol monomethyl ether 2,000
74	2.5 % w/v Polyethylene glycol 1,500	50 mM Sodium acetate; pH 5.2	25.7 % w/v Polyethylene glycol 3,000
75	2.1 % w/v Polyethylene glycol 2,000	50 mM MES; pH 5.6	21.4 % w/v Polyethylene glycol 4,000
76	2.1 % w/v Polyethylene glycol monomethyl ether 2,000	50 mM MES; pH 6.0	38.6 % v/v Polyethylene glycol 200
77	2.1 % w/v Polyethylene glycol 3,000	50 mM ADA; pH 6.4	34.3 % v/v Polyethylene glycol 300
78	2.1 % w/v Polyethylene glycol 4,000	50 mM ADA; pH 6.8	34.3 % v/v Polyethylene glycol monomethyl ether 350
79	3.2 % v/v Polyethylene glycol 200	50 mM HEPES; pH 7.1	34.3 % v/v Polyethylene glycol 400
80	2.9 % v/v Polyethylene glycol 300	50 mM HEPES; pH 7.3	34.3 % v/v Polyethylene glycol monomethyl ether 550
81	2.9 % v/v Polyethylene glycol monomethyl ether 350	50 mM TRIS; pH 7.6	34.3 % v/v Polyethylene glycol 600
82	2.9 % v/v Polyethylene glycol 400	50 mM TRIS; pH 8.0	30 % w/v Polyethylene glycol 1,000
83	2.9 % v/v Polyethylene glycol monomethyl ether 550	50 mM BICINE; pH 8.4	30 % w/v Polyethylene glycol 1,500
84	2.9 % v/v Polyethylene glycol 600	50 mM BICINE; pH 8.8	25.7 % w/v Polyethylene glycol 2,000
85	none	50 mM Sodium acetate; pH 4.8	25 % w/v Polyethylene glycol 4,000
86	none	50 mM Sodium acetate; pH 5.2	45 % v/v Polyethylene glycol 200
87	none	50 mM MES; pH 5.6	40 % v/v Polyethylene glycol 300
88	none	50 mM MES; pH 6.0	40 % v/v Polyethylene glycol monomethyl ether 350
89	none	50 mM ADA; pH 6.4	40 % v/v Polyethylene glycol 400
90	none	50 mM ADA; pH 6.8	40 % v/v Polyethylene glycol monomethyl ether 550
91	none	50 mM HEPES; pH 7.1	40 % v/v Polyethylene glycol 600
92	none	50 mM HEPES; pH 7.3	35 % w/v Polyethylene glycol 1,000
93	none	50 mM TRIS; pH 7.6	35 % w/v Polyethylene glycol 1,500
94	none	50 mM TRIS; pH 8.0	30 % w/v Polyethylene glycol 2,000
95	none	50 mM BICINE; pH 8.4	30 % w/v Polyethylene glycol monomethyl ether 2,000
96	none	50 mM BICINE; pH 8.8	30 % w/v Polyethylene glycol 3,000

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