Plate Information		General Information	Protein Information	Drop Information
Pre-filled Tool	☐	Date _____	Name _____	Protein vol _____ ul
Microplate	☐	Operator _____	[Protein] _____	Solution vol _____ ul
Deep Well	☐		Buffer _____	Additive vol _____ ul
Tubes	☐	Plate ID _____	Other _____	Other _____

Scoring Sheet - The MbClass

Date of observation

Well	Solution						
1 - (A1)	0.1 M Na citrate, 0.1 M Na citrate pH 5.6, 10 %(v/v) Isopropanol						
2 - (A2)	0.1 M Na chloride, 0.1 M Na acetate pH 4.6, 12 %(v/v) Isopropanol						
3 - (A3)	0.2 M Ca chloride, 0.1 M Na acetate pH 4.6, 30 %(w/v) Isopropanol, 20 %(w/v) Glycerol						
4 - (A4)	0.1 M TRIS.HCl pH 8.5, 0.5 M Amm sulfate						
5 - (A5)	1 M Na/K phosphate pH 7.5, 0.7 M Amm sulfate						
6 - (A6)	0.1 M ADA pH 6.5, 1 M Amm sulfate						
7 - (A7)	0.1 M TRIS.HCl pH 8.5, 1.2 M Amm sulfate						
8 - (A8)	0.1 M Amm acetate, 1.4 M Amm sulfate, 4 %(w/v) Isopropanol						
9 - (A9)	0.1 M Na citrate pH 5.6, 2 M Amm sulfate						
10 - (A10)	0.25 M Na chloride, 0.05 M Na/K phosphate pH 7.5, 3.5 M Amm sulfate						
11 - (A11)	0.1 M ADA pH 6.5, 1 M di-Amm phosphate						
12 - (A12)	0.1 M Amm sulfate, 0.1 M HEPES.Na pH 7.5, 0.5 M di-Na phosphate, 0.5 M di-K phosphate						
13 - (B1)	0.1 M di-Amm phosphate, 0.1 M TRIS.HCl pH 8.5, 0.5 M di-Na phosphate, 0.5 M di-K phosphate						
14 - (B2)	0.5 M Li chloride, 1 M Na citrate pH 5.6						
15 - (B3)	0.1 M TRIS.HCl pH 8.5, 0.2 M Li sulfate						
16 - (B4)	0.1 M K/Na tartrate, 0.1 M TRIS.HCl pH 8.5, 0.4 M Mg sulfate						
17 - (B5)	0.1 M Mg chloride, 0.1 M Na citrate pH 5.6, 4 %(v/v) MPD						
18 - (B6)	0.6 M Mg sulfate, 0.1 M HEPES.Na pH 7.5, 4 %(v/v) MPD						
19 - (B7)	0.1 M Na chloride, 0.1 M Na acetate pH 4.6, 12 %(v/v) MPD						
20 - (B8)	0.1 M Na chloride, 0.1 M Na citrate pH 5.6, 12 %(v/v) MPD						
21 - (B9)	0.1 M ADA pH 6.5, 12 %(v/v) MPD						
22 - (B10)	0.1 M Na citrate, 0.1 M HEPES.Na pH 7.5, 12 %(v/v) MPD						
23 - (B11)	0.1 M Li sulfate, 0.1 M TRIS.HCl pH 8.5, 12 %(v/v) MPD						
24 - (B12)	0.1 M Na chloride, 0.1 M TRIS.HCl pH 8.5, 12 %(v/v) MPD						
25 - (C1)	0.1 M Bis-Tris Propane pH 7.0, 25 %(w/v) MPD						
26 - (C2)	0.3 M Na citrate pH 5.6, 30 %(w/v) MPD						
27 - (C3)	0.1 M Li sulfate, 0.1 M Na citrate pH 5.6, 4 %(v/v) PEG 400						
28 - (C4)	0.3 M Li sulfate, 0.1 M ADA pH 6.5, 4 %(v/v) PEG 400						
29 - (C5)	0.6 M Mg sulfate, 0.1 M HEPES.Na pH 7.5, 4 %(v/v) PEG 400						
30 - (C6)	0.1 M Na citrate, 0.1 M TRIS.HCl pH 8.5, 5 %(v/v) PEG 400						
31 - (C7)	0.2 M Ca chloride, 0.1 M HEPES.Na pH 7.5, 15 %(w/v) PEG 400, 15 %(w/v) Glycerol						
32 - (C8)	0.1 M Mg chloride, 0.1 M Na acetate pH 4.6, 18 %(v/v) PEG 400						
33 - (C9)	0.1 M Na chloride, 0.1 M Na citrate pH 5.6, 18 %(v/v) PEG 400						
34 - (C10)	0.1 M Mg chloride, 0.1 M HEPES.Na pH 7.5, 18 %(v/v) PEG 400						
35 - (C11)	0.1 M Amm sulfate, 0.1 M HEPES.Na pH 7.5, 18 %(v/v) PEG 400						
36 - (C12)	0.05 M Mg acetate, 0.05 M Na acetate pH 4.6, 25 %(w/v) PEG 400						
37 - (D1)	0.05 M Na sulfate, 0.05 M Li sulfate, 0.05 M TRIS.HCl pH 8.5, 30 %(w/v) PEG 400						
38 - (D2)	0.2 M Ca chloride, 0.1 M HEPES.Na pH 7.5, 48 %(w/v) PEG 400						
39 - (D3)	0.01 M TRIS.HCl pH 7.5, 20 %(w/v) PEG 550 MME						
40 - (D4)	0.1 M Mg chloride, 0.05 M TRIS.HCl pH 8.5, 30 %(w/v) PEG 550 MME						
41 - (D5)	35 %(w/v) PEG 600						
42 - (D6)	0.35 M Na chloride, 0.1 M Tricine pH 8.0, 28 %(w/v) PEG 1000, 10 %(w/v) Glycerol						
43 - (D7)	0.1 M Mg chloride, 0.1 M Na chloride, 10 %(w/v) PEG 1500, 5 %(w/v) Ethanol						
44 - (D8)	5 %(w/v) PEG 2000						
45 - (D9)	0.5 M Mg chloride, 0.05 M TRIS.HCl pH 8.5, 10 %(w/v) PEG 2000						
46 - (D10)	0.02 M Na citrate, 0.1 M Na phosphate pH 6.2, 15 %(w/v) PEG 2000						
47 - (D11)	0.5 M Na chloride, 0.1 M Na phosphate pH 6.8, 15 %(w/v) PEG 2000						
48 - (D12)	0.02 M Bis-Tris propane pH 7.0, 15 %(w/v) PEG 2000						

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Plate Information		General Information	Protein Information	Drop Information
Pre-filled Tool	☐	Date _____	Name _____	Protein vol _____ ul
Microplate	☐	Operator _____	[Protein] _____	Solution vol _____ ul
Deep Well	☐		Buffer _____	Additive vol _____ ul
Tubes	☐	Plate ID _____	Other _____	Other _____

Scoring Sheet - The MbClass

Date of observation

Well	Solution						
49 - (E1)	0.1 M Mg chloride, 0.05 M HEPES.Na pH 7.5, 15 %(w/v) PEG 2000						
50 - (E2)	15 %(w/v) PEG 2000						
51 - (E3)	0.1 M Li chloride, 15 %(w/v) PEG 2000						
52 - (E4)	0.3 M Mg nitrate, 0.1 M TRIS.HCl pH 8.0, 20 %(w/v) PEG 2000, 2 %(w/v) MPD						
53 - (E5)	0.3 M Mg chloride, 0.1 M Bicine pH 9.0, 25 %(w/v) PEG 2000, 15 %(w/v) Glycerol						
54 - (E6)	0.1 M Na acetate pH 4.6, 8 %(w/v) PEG 2000 MME						
55 - (E7)	20 %(w/v) Glycerol, 0.1 M Na citrate pH 5.6, 10 %(w/v) PEG 2000 MME, 3 %(w/v) PEG 200						
56 - (E8)	0.5 M Na chloride, 0.05 M TRIS.HCl pH 7.5, 12 %(w/v) PEG 2000 MME						
57 - (E9)	0.15 M Na chloride, 0.05 M Na citrate pH 5.6, 10 %(w/v) PEG 3350						
58 - (E10)	0.05 M TRIS.HCl pH 7.5, 2 %(w/v) PEG 4000						
59 - (E11)	0.1 M Na chloride, 0.05 M Na-MES pH 6.5, 5 %(w/v) PEG 4000, 10 %(w/v) Glycerol						
60 - (E12)	0.05 M Na phosphate pH 6.7, 5 %(w/v) PEG 4000						
61 - (F1)	5 %(w/v) PEG 4000						
62 - (F2)	0.1 M K chloride, 5 %(w/v) PEG 4000						
63 - (F3)	0.2 M Amm sulfate, 0.1 M Na acetate pH 4.6, 10 %(w/v) PEG 4000						
64 - (F4)	0.1 M Na chloride, 0.1 M HEPES.Na pH 7.5, 10 %(w/v) PEG 4000						
65 - (F5)	0.1 M Amm sulfate, 0.1 M HEPES.Na pH 7.5, 10 %(w/v) PEG 4000						
66 - (F6)	0.5 M Na chloride, 0.05 M TRIS.HCl pH 8.5, 10 %(w/v) PEG 4000						
67 - (F7)	0.1 M Li sulfate, 0.1 M ADA pH 6.5, 12 %(w/v) PEG 4000						
68 - (F8)	0.1 M Li sulfate, 0.1 M ADA pH 6.5, 12 %(w/v) PEG 4000, 2 %(v/v) Isopropanol						
69 - (F9)	0.05 M Na phosphate pH 6.8, 12 %(w/v) PEG 4000						
70 - (F10)	0.5 M K chloride, 0.05 M MOPS pH 7.0, 12 %(w/v) PEG 4000, 20 %(w/v) Glycerol						
71 - (F11)	0.1 M Li chloride, 0.01 M TRIS.HCl pH 7.5, 15 %(w/v) PEG 4000						
72 - (F12)	0.5 M Na chloride, 0.1 M Bis-Tris propane pH 7.0, 20 %(w/v) PEG 4000						
73 - (G1)	0.5 M Na chloride, 0.1 M Na phosphate pH 7.0, 20 %(w/v) PEG 4000						
74 - (G2)	0.15 M Zn acetate, 0.05 M Zn chloride, 0.05 M TRIS.HCl pH 7.5, 20 %(w/v) PEG 4000						
75 - (G3)	0.05 M Tricine pH 8.0, 22 %(w/v) PEG 4000						
76 - (G4)	0.5 M Na chloride, 0.05 M TRIS.HCl pH 8.5, 22 %(w/v) PEG 4000						
77 - (G5)	30 %(w/v) PEG 4000						
78 - (G6)	0.1 M Mg acetate, 0.1 M Na citrate pH 5.6, 10 %(w/v) PEG 5000 MME						
79 - (G7)	0.1 M Mg sulfate, 5 %(w/v) PEG 6000						
80 - (G8)	0.15 M Zn acetate, 0.05 M Zn chloride, 0.05 M TRIS.HCl pH 7.5, 10 %(w/v) PEG 6000						
81 - (G9)	0.1 M Li sulfate, 0.1 M Na citrate pH 5.6, 12 %(w/v) PEG 6000						
82 - (G10)	0.15 M Na chloride, 0.1 M TRIS.HCl pH 8.5, 12 %(w/v) PEG 6000						
83 - (G11)	0.05 M Na succinate pH 6.5, 15 %(w/v) PEG 6000						
84 - (G12)	0.025 M K phosphate, 12 %(w/v) PEG 8000, 10 %(w/v) MPD						
85 - (H1)	0.1 M Mg acetate, 0.1 M Na citrate pH 5.6, 8 %(w/v) PEG 10000						
86 - (H2)	0.05 M K phosphate pH 8.0						
87 - (H3)	1.5 M K phosphate pH 7.0						
88 - (H4)	0.1 M Li sulfate, 0.1 M HEPES.Na pH 7.5, 0.1 M K/Na tartrate						
89 - (H5)	0.1 M TRIS.HCl pH 8.5, 0.1 M Na acetate						
90 - (H6)	0.1 M Na citrate pH 5.6, 0.1 M Na chloride						
91 - (H7)	0.1 M TRIS.HCl pH 8.5, 0.1 M Na chloride						
92 - (H8)	0.1 M Na acetate pH 4.6, 1.5 M Na chloride						
93 - (H9)	0.1 M Na formate, 2 M Na chloride						
94 - (H10)	0.1 M Na citrate pH 4.8						
95 - (H11)	0.1 M HEPES.Na pH 7.5, 1 M Na citrate						
96 - (H12)	1 M Na citrate						

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