Scoring Sheet — The MbClass Suite

Date:	Protein:	Protein vol.	µl
Operator:	Buffer:	Solution vol.	µl
Plate ID:	Additives:	Additive vol.	µl

Date of observation

Location		Crystallization condition					
A1	1,A1	0.1 M tri-Na citrate, 0.1 M tri-Na citrate pH 5.6, 10% Isopropanol					
A2	1,A2	0.1 M NaCl, 0.1 M Na acetate pH 4.6, 12% Isopropanol					
A3	1,A3	0.2 M $CaCl_2$, 0.1 M Na acetate pH 4.6, 30% Isopropanol, 20% Glycerol					
A4	1,A4	0.1 M Tris.HCl pH 8.5, 0.5 M $AmSO_4$					
A5	1,A5	1 M Na/K phosphate pH 7.5, 0.7 M $AmSO_4$					
A6	1,A6	0.1 M ADA pH 6.5, 1.0 M $AmSO_4$					
A7	1,B1	0.1 M Tris.HCl pH 8.5, 1.2 M $AmSO_4$					
A8	1,B2	0.1 M Amm.acetate, 1.4 M $AmSO_4$, 4% Isopropanol					
A9	1,B3	0.1 M tri-Na citrate pH 5.6, 2.0 M $AmSO_4$					
A10	1,B4	0.25 M NaCl, 0.05 M Na/K phosphate pH 7.5, 3.5 M $AmSO_4$					
A11	1,B5	0.1 M ADA pH 6.5, 1.0 M di-Amm. phosphate					
A12	1,B6	0.1 M $AmSO_4$, 0.1 M HEPES Na salt pH 7.5, 0.5 M di-$NaPO_4$, 0.5 M di-KPO_4					
B1	1,C1	0.1 M di-Amm. PO_4, 0.1 M Tris.HCl pH 8.5, 0.5 M di-$NaPO_4$, 0.5 M di-KPO_4					
B2	1,C2	0.5 M Lithium chloride, 1.0 M tri-Na citrate pH 5.6					
B3	1,C3	0.1 M Tris.HCl pH 8.5, 0.2 M Lithium sulfate					
B4	1,C4	0.1 M K/Na tartrate, 0.1 M Tris.HCl pH 8.5, 0.4 M Mg sulfate					
B5	1,C5	0.1 M Mg chloride, 0.1 M tri-Na citrate pH 5.6, 4% MPD					
B6	1,C6	0.6 M Mg sulfate, 0.1 M HEPES Na salt pH 7.5, 4% MPD					
B7	1,D1	0.1 M NaCl, 0.1 M Na acetate pH 4.6, 12% MPD					
B8	1,D2	0.1 M NaCl, 0.1 M tri-Na citrate pH 5.6, 12% MPD					
B9	1,D3	0.1 M ADA pH 6.5, 12% MPD					
B10	1,D4	0.1 M tri-Na citrate, 0.1 M HEPES Na salt pH 7.5, 12% MPD					
B11	1,D5	0.1 M Lithium sulfate, 0.1 M Tris.HCl pH 8.5, 12% MPD					
B12	1,D6	0.1 M NaCl, 0.1 M Tris.HCl pH 8.5, 12% MPD					
C1	2,A1	0.1 M Bis-Tris Propane pH 7.0, 25% MPD					
C2	2,A2	0.3 M tri-Na citrate pH 5.6, 30% MPD					
C3	2,A3	0.1 M Lithium sulfate, 0.1 M tri-Na citrate pH 5.6, 4% PEG 400					
C4	2,A4	0.3 M Lithium sulfate, 0.1 M ADA pH 6.5, 4% PEG 400					
C5	2,A5	0.6 M Mg sulfate, 0.1 M HEPES Na salt pH 7.5, 4% PEG 400					
C6	2,A6	0.1 M tri-Na citrate, 0.1 M Tris.HCl pH 8.5, 5% PEG 400					
C7	2,B1	0.2 M CaCl2, 0.1 M HEPES Na salt pH 7.5, 15% PEG 400, 15% Glycerol					
C8	2,B2	0.1 M MgCl2, 0.1 M Na acetate pH 4.6, 18% PEG 400					
C9	2,B3	0.1 M NaCl, 0.1 M tri-Na citrate pH 5.6, 18% PEG 400					
C10	2,B4	0.1 M MgCl2, 0.1 M HEPES Na salt pH 7.5, 18% PEG 400					
C11	2,B5	0.1 M AmSO4, 0.1 M HEPES Na salt pH 7.5, 18% PEG 400					
C12	2,B6	0.05 M Mg acetate, 0.05 M Na acetate pH 4.6, 25% PEG 400					
D1	2,C1	0.05 M Na sulfate, 0.05 M Lithium sulfate, 0.05 M Tris.HCl pH 8.5, 30% PEG 400					
D2	2,C2	0.2 M $CaCl_2$, 0.1 M HEPES Na salt pH 7.5, 48% PEG 400					
D3	2,C3	0.01 M Tris.HCl pH 7.5, 20% PEG 550 MME					
D4	2,C4	0.1 M Mg chloride, 0.05 M Tris.HCl pH 8.5, 30% PEG 550 MME					
D5	2,C5	35% PEG 600					
D6	2,C6	0.35 M NaCl, 0.1 M Tricine pH 8.0, 28% PEG 1000, 10% Glycerol					
D7	2,D1	0.1 M Mg chloride, 0.1 M NaCl, 10% PEG 1500, 5% Ethanol					
D8	2,D2	5% PEG 2000					
D9	2,D3	0.5 M Mg chloride, 0.05 M Tris.HCl pH 8.5, 10% PEG 2000					
D10	2,D4	0.02 M tri-Na citrate, 0.1 M Na phosphate pH 6.2, 15% PEG 2000					
D11	2,D5	0.5 M NaCl, 0.1 M Na phosphate pH 6.8, 15% PEG 2000					
D12	2,D6	0.02 M Bis-Tris propane pH 7.0, 15% PEG 2000					

Date of observation

Location		Crystallization condition					
E1	3,A1	0.1 M Mg chloride, 0.05 M HEPES Na salt pH 7.5, 15% PEG 2000					
E2	3,A2	15% PEG 2000					
E3	3,A3	0.1 M Lithium chloride, 15% PEG 2000					
E4	3,A4	0.3 M Mg nitrate, 0.1 M Tris.HCl pH 8.0, 20% PEG 2000, 2% MPD					
E5	3,A5	0.3 M Mg chloride, 0.1 M BICINE pH 9.0, 25% PEG 2000, 15% Glycerol					
E6	3,A6	0.1 M Na acetate pH 4.6, 8% PEG 2000 MME					
E7	3,B1	0.1 M tri-Na citrate pH 5.6, 10% PEG 2000 MME, 3% PEG 200, 20% Glycerol					
E8	3,B2	0.5 M NaCl, 0.05 M Tris.HCl pH 7.5, 12% PEG 2000 MME					
E9	3,B3	0.15 M NaCl, 0.05 M tri-Na citrate pH 5.6, 10% PEG 3350					
E10	3,B4	0.05 M Tris.HCl pH 7.5, 2% PEG 4000					
E11	3,B5	0.1 M NaCl, 0.05 M MES Na salt pH 6.5, 5% PEG 4000, 10% Glycerol					
E12	3,B6	0.05 M Na phosphate pH 6.7, 5% PEG 4000					
F1	3,C1	5% PEG 4000					
F2	3,C2	0.1 M K chloride, 5% PEG 4000					
F3	3,C3	0.2 M $AmSO_4$, 0.1 M Na acetate pH 4.6, 10% PEG 4000					
F4	3,C4	0.1 M NaCl, 0.1 M HEPES Na salt pH 7.5, 10% PEG 4000					
F5	3,C5	0.1 M $AmSO_4$, 0.1 M HEPES Na salt pH 7.5, 10% PEG 4000					
F6	3,C6	0.5 M NaCl, 0.05 M Tris.HCl pH 8.5, 10% PEG 4000					
F7	3,D1	0.1 M Lithium sulfate, 0.1 M ADA pH 6.5, 12% PEG 4000					
F8	3,D2	0.1 M Lithium sulfate, 0.1 M ADA pH 6.5, 12% PEG 4000, 2% Isopropanol					
F9	3,D3	0.05 M Na phosphate pH 6.8, 12% PEG 4000					
F10	3,D4	0.5 M K chloride, 0.05 M MOPS pH 7.0, 12% PEG 4000, 20% Glycerol					
F11	3,D5	0.1 M Lithium chloride, 0.01 M Tris.HCl pH 7.5, 15% PEG 4000					
F12	3,D6	0.5 M NaCl, 0.1 M Bis-Tris propane pH 7.0, 20% PEG 4000					
G1	4,A1	0.5 M NaCl, 0.1 M Na phosphate pH 7.0, 20% PEG 4000					
G2	4,A2	0.15 M Zinc acetate, 50 mM $ZnCl_2$, 50 mM Tris.HCl pH 7.5, 20% PEG 4000					
G3	4,A3	0.05 M Tricine pH 8.0, 22% PEG 4000					
G4	4,A4	0.5 M NaCl, 0.05 M Tris.HCl pH 8.5, 22% PEG 4000					
G5	4,A5	30% PEG 4000					
G6	4,A6	0.1 M Mg acetate, 0.1 M tri-Na citrate pH 5.6, 10% PEG 5000 MME					
G7	4,B1	0.1 M Mg sulfate, 5% PEG 6000					
G8	4,B2	0.15 M Zn acetate, 50 mM $ZnCl_2$, 0.05 M Tris.HCl pH 7.5, 10% PEG 6000					
G9	4,B3	0.1 M Lithium sulfate, 0.1 M tri-Na citrate pH 5.6, 12% PEG 6000					
G10	4,B4	0.15 M NaCl, 0.1 M Tris.HCl pH 8.5, 12% PEG 6000					
G11	4,B5	0.05 M Na succinate pH 6.5, 15% PEG 6000					
G12	4,B6	0.025 M K phosphate, 12% PEG 8000, 10% MPD					
H1	4,C1	0.1 M Mg acetate, 0.1 M tri-Na citrate pH 5.6, 8% PEG 10000					
H2	4,C2	0.05 M K phosphate pH 8.0					
H3	4,C3	1.5 M K phosphate pH 7.0					
H4	4,C4	0.1 M Lithium sulfate, 0.1 M HEPES Na salt pH 7.5, 0.1 M K/Na tartrate					
H5	4,C5	0.1 M Tris.HCl pH 8.5, 0.1 M Na acetate					
H6	4,C6	0.1 M tri-Na citrate pH 5.6, 0.1 M NaCl					
H7	4,D1	0.1 M Tris.HCl pH 8.5, 0.1 M NaCl					
H8	4,D2	0.1 M Na acetate pH 4.6, 1.5 M NaCl					
H9	4,D3	0.1 M Na formate, 2.0 M NaCl					
H10	4,D4	0.1 M tri-Na citrate pH 4.8					
H11	4,D5	0.1 M HEPES Na salt pH 7.5, 1.0 M tri-Na citrate					
H12	4,D6	1.0 M tri-Na citrate					

Order EasyXtal and NeXtal products online at www.qiagen.com/crystallization

Australia ■ 03-9840-9800
Austria ■ 0800/28-10-10
Belgium ■ 0800-79612
Canada ■ 800-572-9613
China ■ 021-51345678
Denmark ■ 80-885945
Finland ■ 0800-914416
France ■ 01-60-920-920
Germany ■ 02103-29-12000
Ireland ■ 1800 555 049
Italy ■ 02-33430411
Japan ■ 03-5547-0811
Luxembourg ■ 8002-2076
The Netherlands ■ 0800-0229592
Norway ■ 800-18859
Sweden ■ 020-790282
Switzerland ■ 055-254-22-11
UK ■ 01293-422-911
USA ■ 800-426-8157