

Scoring Sheet — The MbClass Suite

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

Date of observation

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



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

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