

Scoring Sheet — The pHClear 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 Citric acid, 1.0 M Sodium chloride, pH 4.0				
A2	1,A2	0.1 M Citric acid, 1.0 M Sodium chloride, pH 5.0				
A3	1,A3	0.1 M MES, 1.0 M Sodium chloride, pH 6.0				
A4	1,A4	0.1 M HEPES, 1.0 M Sodium chloride, pH 7.0				
A5	1,A5	0.1 M Tris, 1.0 M Sodium chloride, pH 8.0				
A6	1,A6	0.1 M Bicine, 1.0 M Sodium chloride, pH 9.0				
A7	1,B1	0.1 M Citric acid, 2.0 M Sodium chloride, pH 4.0				
A8	1,B2	0.1 M Citric acid, 2.0 M Sodium chloride, pH 5.0				
A9	1,B3	0.1 M MES, 2.0 M Sodium chloride, pH 6.0				
A10	1,B4	0.1 M HEPES, 2.0 M Sodium chloride, pH 7.0				
A11	1,B5	0.1 M Tris, 2.0 M Sodium chloride, pH 8.0				
A12	1,B6	0.1 M Bicine, 2.0 M Sodium chloride, pH 9.0				
B1	1,C1	0.1 M Citric acid, 3.0 M Sodium chloride, pH 4.0				
B2	1,C2	0.1 M Citric acid, 3.0 M Sodium chloride, pH 5.0				
B3	1,C3	0.1 M MES, 3.0 M Sodium chloride, pH 6.0				
B4	1,C4	0.1 M HEPES, 3.0 M Sodium chloride, pH 7.0				
B5	1,C5	0.1 M Tris, 3.0 M Sodium chloride, pH 8.0				
B6	1,C6	0.1 M Bicine, 3.0 M Sodium chloride, pH 9.0				
B7	1,D1	0.1 M Citric acid, 4.0 M Sodium chloride, pH 4.0				
B8	1,D2	0.1 M Citric acid, 4.0 M Sodium chloride, pH 5.0				
B9	1,D3	0.1 M MES, 4.0 M Sodium chloride, pH 6.0				
B10	1,D4	0.1 M HEPES, 4.0 M Sodium chloride, pH 7.0				
B11	1,D5	0.1 M Tris, 4.0 M Sodium chloride, pH 8.0				
B12	1,D6	0.1 M Bicine, 4.0 M Sodium chloride, pH 9.0				
C1	2,A1	0.1 M Citric acid, 5% (w/v) PEG 6000, pH 4.0				
C2	2,A2	0.1 M Citric acid, 5% (w/v) PEG 6000, pH 5.0				
C3	2,A3	0.1 M MES, 5% (w/v) PEG 6000, pH 6.0				
C4	2,A4	0.1 M HEPES, 5% (w/v) PEG 6000, pH 7.0				
C5	2,A5	0.1 M Tris, 5% (w/v) PEG 6000, pH 8.0				
C6	2,A6	0.1 M Bicine, 5% (w/v) PEG 6000, pH 9.0				
C7	2,B1	0.1 M Citric acid, 10% (w/v) PEG 6000, pH 4.0				
C8	2,B2	0.1 M Citric acid, 10% (w/v) PEG 6000, pH 5.0				
C9	2,B3	0.1 M MES, 10% (w/v) PEG 6000, pH 6.0				
C10	2,B4	0.1 M HEPES, 10% (w/v) PEG 6000, pH 7.0				
C11	2,B5	0.1 M Tris, 10% (w/v) PEG 6000, pH 8.0				
C12	2,B6	0.1 M Bicine, 10% (w/v) PEG 6000, pH 9.0				
D1	2,C1	0.1 M Citric acid, 20% (w/v) PEG 6000, pH 4.0				
D2	2,C2	0.1 M Citric acid, 20% (w/v) PEG 6000, pH 5.0				
D3	2,C3	0.1 M MES, 20% (w/v) PEG 6000, pH 6.0				
D4	2,C4	0.1 M HEPES, 20% (w/v) PEG 6000, pH 7.0				
D5	2,C5	0.1 M Tris, 20% (w/v) PEG 6000, pH 8.0				
D6	2,C6	0.1 M Bicine, 20% (w/v) PEG 6000, pH 9.0				
D7	2,D1	0.1 M Citric acid, 30% (w/v) PEG 6000, pH 4.0				
D8	2,D2	0.1 M Citric acid, 30% (w/v) PEG 6000, pH 5.0				
D9	2,D3	0.1 M MES, 30% (w/v) PEG 6000, pH 6.0				
D10	2,D4	0.1 M HEPES, 30% (w/v) PEG 6000, pH 7.0				
D11	2,D5	0.1 M Tris, 30% (w/v) PEG 6000, pH 8.0				
D12	2,D6	0.1 M Bicine, 30% (w/v) PEG 6000, pH 9.0				



Date of observation

Location	Crystallization condition					
E1	3,A1	0.1 M Citric acid, 0.8 M Ammonium sulfate, pH 4.0				
E2	3,A2	0.1 M Citric acid, 0.8 M Ammonium sulfate, pH 5.0				
E3	3,A3	0.1 M MES, 0.8 M Ammonium sulfate, pH 6.0				
E4	3,A4	0.1 M HEPES, 0.8 M Ammonium sulfate, pH 7.0				
E5	3,A5	0.1 M Tris, 0.8 M Ammonium sulfate, pH 8.0				
E6	3,A6	0.1 M Bicine, 0.8 M Ammonium sulfate, pH 9.0				
E7	3,B1	0.1 M Citric acid, 1.6 M Ammonium sulfate, pH 4.0				
E8	3,B2	0.1 M Citric acid, 1.6 M Ammonium sulfate, pH 5.0				
E9	3,B3	0.1 M MES, 1.6 M Ammonium sulfate, pH 6.0				
E10	3,B4	0.1 M HEPES, 1.6 M Ammonium sulfate, pH 7.0				
E11	3,B5	0.1 M Tris, 1.6 M Ammonium sulfate, pH 8.0				
E12	3,B6	0.1 M Bicine, 1.6 M Ammonium sulfate, pH 9.0				
F1	3,C1	0.1 M Citric acid, 2.4 M Ammonium sulfate, pH 4.0				
F2	3,C2	0.1 M Citric acid, 2.4 M Ammonium sulfate, pH 5.0				
F3	3,C3	0.1 M MES, 2.4 M Ammonium sulfate, pH 6.0				
F4	3,C4	0.1 M HEPES, 2.4 M Ammonium sulfate, pH 7.0				
F5	3,C5	0.1 M Tris, 2.4 M Ammonium sulfate, pH 8.0				
F6	3,C6	0.1 M Bicine, 2.4 M Ammonium sulfate, pH 9.0				
F7	3,D1	0.1 M Citric acid, 3.2 M Ammonium sulfate, pH 4.0				
F8	3,D2	0.1 M Citric acid, 3.2 M Ammonium sulfate, pH 5.0				
F9	3,D3	0.1 M MES, 3.2 M Ammonium sulfate, pH 6.0				
F10	3,D4	0.1 M HEPES, 3.2 M Ammonium sulfate, pH 7.0				
F11	3,D5	0.1 M Tris, 3.2 M Ammonium sulfate, pH 8.0				
F12	3,D6	0.1 M Bicine, 3.2 M Ammonium sulfate, pH 9.0				
G1	4,A1	0.1 M Citric acid, 10% (v/v) MPD, pH 4.0				
G2	4,A2	0.1 M Sodium acetate, 10% (v/v) MPD, pH 5.0				
G3	4,A3	0.1 M MES, 10% (v/v) MPD, pH 6.0				
G4	4,A4	0.1 M HEPES, 10% (v/v) MPD, pH 7.0				
G5	4,A5	0.1 M Tris, 10% (v/v) MPD, pH 8.0				
G6	4,A6	0.1 M Bicine, 10% (v/v) MPD, pH 9.0				
G7	4,B1	0.1 M Citric acid, 20% (v/v) MPD, pH 4.0				
G8	4,B2	0.1 M Sodium acetate, 20% (v/v) MPD, pH 5.0				
G9	4,B3	0.1 M MES, 20% (v/v) MPD, pH 6.0				
G10	4,B4	0.1 M HEPES, 20% (v/v) MPD, pH 7.0				
G11	4,B5	0.1 M Tris, 20% (v/v) MPD, pH 8.0				
G12	4,B6	0.1 M Bicine, 20% (v/v) MPD, pH 9.0				
H1	4,C1	0.1 M Citric acid, 40% (v/v) MPD, pH 4.0				
H2	4,C2	0.1 M Sodium acetate, 40% (v/v) MPD, pH 5.0				
H3	4,C3	0.1 M MES, 40% (v/v) MPD, pH 6.0				
H4	4,C4	0.1 M HEPES, 40% (v/v) MPD, pH 7.0				
H5	4,C5	0.1 M Tris, 40% (v/v) MPD, pH 8.0				
H6	4,C6	0.1 M Bicine, 40% (v/v) MPD, pH 9.0				
H7	4,D1	0.1 M Citric acid, 65% (v/v) MPD, pH 4.0				
H8	4,D2	0.1 M Sodium acetate, 65% (v/v) MPD, pH 5.0				
H9	4,D3	0.1 M MES, 65% (v/v) MPD, pH 6.0				
H10	4,D4	0.1 M HEPES, 65% (v/v) MPD, pH 7.0				
H11	4,D5	0.1 M Tris, 65% (v/v) MPD, pH 8.0				
H12	4,D6	0.1 M Bicine, 65% (v/v) MPD, pH 9.0				

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