

Scoring Sheet — The Classics 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	0.01 M Cobalt chloride, 0.1 M Sodium acetate pH 4.6, 1.0 M 1,6-Hexanediol				
A2	1,A2	0.1 M tri-Sodium citrate pH 5.6, 2.5 M 1,6-Hexanediol				
A3	1,A3	0.2 M Magnesium chloride, 0.1 M Tris pH 8.5, 3.4 M 1,6-Hexanediol				
A4	1,A4	2.0 M Ammonium sulfate, 5% (v/v) Isopropanol				
A5	1,A5	0.1 M HEPES sodium salt pH 7.5, 10% (v/v) Isopropanol, 20% (w/v) PEG 4000				
A6	1,A6	0.2 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 20% (v/v) Isopropanol				
A7	1,B1	0.1 M tri-Sodium citrate pH 5.6, 20% (v/v) Isopropanol, 20% (w/v) PEG 4000				
A8	1,B2	0.2 M tri-Sodium citrate, 0.1 M HEPES sodium salt pH 7.5, 20% (v/v) Isopropanol				
A9	1,B3	0.2 M tri-Sodium citrate, 0.1 M Sodium cacodylate pH 6.5, 30% (v/v) Isopropanol				
A10	1,B4	0.2 M Magnesium chloride, 0.1 M HEPES sodium salt pH 7.5, 30% (v/v) Isopropanol				
A11	1,B5	0.2 M Ammonium acetate, 0.1 M Tris-HCl pH 8.5, 30% (v/v) Isopropanol				
A12	1,B6	1.5 M Sodium chloride, 10% (v/v) Ethanol				
B1	1,C1	0.1 M Tris pH 8.5, 20% (v/v) Ethanol				
B2	1,C2	25% (v/v) Ethylene glycol				
B3	1,C3	0.02 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 30% (v/v) MPD				
B4	1,C4	0.2 M Sodium chloride, 0.1 M Sodium acetate pH 4.6, 30% (v/v) MPD				
B5	1,C5	0.2 M Ammonium acetate, 0.1 M tri-Sodium citrate pH 5.6, 30% (v/v) MPD				
B6	1,C6	0.2 M Magnesium acetate, 0.1 M Sodium cacodylate pH 6.5, 30% (v/v) MPD				
B7	1,D1	0.2 M tri-Sodium citrate, 0.1 M HEPES sodium salt pH 7.5, 30% (v/v) MPD				
B8	1,D2	0.5 M Ammonium sulfate, 0.1 M HEPES pH 7.5, 30% (v/v) MPD				
B9	1,D3	0.2 M Ammonium phosphate, 0.1 M Tris pH 8.5, 50% (v/v) MPD				
B10	1,D4	0.1 M HEPES pH 7.5, 70% (v/v) MPD				
B11	1,D5	0.1 M Tris pH 8.5, 25% (v/v) tert-Butanol				
B12	1,D6	0.1 M tri-Sodium citrate pH 5.6, 35% (v/v) tert-Butanol				
C1	2,A1	0.4 M Ammonium phosphate				
C2	2,A2	0.1 M tri-Sodium citrate pH 5.6, 1.0 M Ammonium phosphate				
C3	2,A3	0.1 M Tris-HCl pH 8.5, 2.0 M Ammonium phosphate				
C4	2,A4	0.1 M HEPES pH 7.5, 2.0 M Ammonium formate				
C5	2,A5	0.1 M Sodium acetate pH 4.6, 2.0 M Ammonium sulfate				
C6	2,A6	0.1 M Tris-HCl pH 8.5, 2.0 M Ammonium sulfate				
C7	2,B1	2.0 M Ammonium sulfate				
C8	2,B2	0.1 M Sodium chloride, 0.1 M HEPES pH 7.5, 1.6 M Ammonium sulfate				
C9	2,B3	0.01 M Cobalt chloride, 0.1 M MES pH 6.5, 1.8 M Ammonium sulfate				
C10	2,B4	0.2 M K/Na tartrate, 0.1 M tri-Sodium citrate pH 5.6, 2.0 M Ammonium sulfate				
C11	2,B5	1.0 M Imidazole pH 7.0				
C12	2,B6	0.4 M K/Na tartrate				
D1	2,C1	0.1 M HEPES sodium salt pH 7.5, 0.8 M K/Na tartrate				
D2	2,C2	0.1 M Imidazole pH 6.5, 1.0 M Sodium acetate				
D3	2,C3	0.05 M Cadmium sulfate, 0.1 M HEPES pH 7.5, 1.0 M Sodium acetate				
D4	2,C4	0.1 M Sodium cacodylate pH 6.5, 1.4 M Sodium acetate				
D5	2,C5	0.1 M Sodium acetate pH 4.6, 2.0 M Sodium chloride				
D6	2,C6	0.1 M Sodium phosphate, 0.1 M Potassium phosphate, 0.1 M MES pH 6.5, 2.0 M Sodium chloride				
D7	2,D1	0.1 M HEPES pH 7.5, 4.3 M Sodium chloride				
D8	2,D2	0.1 M HEPES sodium salt pH 7.5, 1.4 M tri-Sodium citrate				
D9	2,D3	1.6 M tri-Sodium citrate pH 6.5				
D10	2,D4	0.1 M HEPES sodium salt pH 7.5, 0.8 M Sodium phosphate, 0.8 M Potassium phosphate				
D11	2,D5	0.1 M Sodium acetate pH 4.6, 2.0 M Sodium formate				
D12	2,D6	4.0 M Sodium formate				



Location	Crystallization condition					
E1	3,A1	0.1 M Bicine pH 9.0, 2% (v/v) Dioxane, 10% (w/v) PEG 20000				
E2	3,A2	0.1 M MES pH 6.5, 10% (v/v) Dioxane, 1.6 M Ammonium sulfate				
E3	3,A3	35% (v/v) Dioxane				
E4	3,A4	0.5 M Sodium chloride, 0.1 M tri-Sodium citrate pH 5.6, 2% (v/v) Ethylene imine polymer				
E5	3,A5	0.1 M Tris pH 8.5, 12% (v/v) Glycerol, 1.5 M Ammonium sulfate				
E6	3,A6	0.5 M Sodium chloride, 0.01 M Magnesium chloride, 0.01 M CTAB				
E7	3,B1	0.01 M Ferric chloride, 0.1 M tri-Sodium citrate pH 5.6, 10% (v/v) Jeffamine M-600				
E8	3,B2	0.1 M HEPES pH 7.5, 20% (v/v) Jeffamine M-600				
E9	3,B3	0.5 M Ammonium sulfate, 0.1 M tri-Sodium citrate pH 5.6, 1.0 M Lithium sulfate				
E10	3,B4	0.01 M Nickel chloride, 0.1 M Tris pH 8.5, 1.0 M Lithium sulfate				
E11	3,B5	0.1 M HEPES sodium salt pH 7.5, 1.5 M Lithium sulfate				
E12	3,B6	0.1 M Bicine pH 9.0, 2.0 M Magnesium chloride				
F1	3,C1	0.2 M Magnesium formate				
F2	3,C2	0.1 M MES pH 6.5, 1.6 M Magnesium sulfate				
F3	3,C3	0.1 M Tris-HCl pH 8.5, 8% (w/v) PEG 8000				
F4	3,C4	0.1 M HEPES pH 7.5, 10% (w/v) PEG 8000				
F5	3,C5	0.5 M Lithium sulfate, 15% (w/v) PEG 8000				
F6	3,C6	0.2 M Zinc acetate, 0.1 M Sodium cacodylate pH 6.5, 18% (w/v) PEG 8000				
F7	3,D1	0.2 M Calcium acetate, 0.1 M Sodium cacodylate pH 6.5, 18% (w/v) PEG 8000				
F8	3,D2	0.2 M Magnesium acetate, 0.1 M Sodium cacodylate pH 6.5, 20% (w/v) PEG 8000				
F9	3,D3	0.05 M Potassium phosphate, 20% (w/v) PEG 8000				
F10	3,D4	0.2 M Ammonium sulfate, 0.1 M Sodium cacodylate pH 6.5, 30% (w/v) PEG 8000				
F11	3,D5	0.2 M Sodium acetate, 0.1 M Sodium cacodylate pH 6.5, 30% (w/v) PEG 8000				
F12	3,D6	0.2 M Ammonium sulfate, 30% (w/v) PEG 8000				
G1	4,A1	0.1 M HEPES sodium salt pH 7.5, 2% (v/v) PEG 400, 2.0 M Ammonium sulfate				
G2	4,A2	0.2 M Calcium chloride, 0.1 M HEPES sodium salt pH 7.5, 28% (v/v) PEG 400				
G3	4,A3	0.1 M Cadmium chloride, 0.1 M Sodium acetate pH 4.6, 30% (v/v) PEG 400				
G4	4,A4	0.2 M Magnesium chloride, 0.1 M HEPES sodium salt pH 7.5, 30% (v/v) PEG 400				
G5	4,A5	0.2 M tri-Sodium citrate, 0.1 M Tris-HCl pH 8.5, 30% (v/v) PEG 400				
G6	4,A6	0.1 M Sodium chloride, 0.1 M Bicine pH 9.0, 20% (w/v) PEG 550 MME				
G7	4,B1	0.01 M Zinc sulfate, 0.1 M MES pH 6.5, 25% (w/v) PEG 550 MME				
G8	4,B2	10% (w/v) PEG 1000, 10% (w/v) PEG 8000				
G9	4,B3	30% (w/v) PEG 1500				
G10	4,B4	0.01 M Nickel chloride, 0.1 M Tris pH 8.5, 20% (w/v) PEG 2000 MME				
G11	4,B5	0.2 M Ammonium sulfate, 0.1 M Sodium acetate pH 4.6, 30% (w/v) PEG 2000 MME				
G12	4,B6	0.1 M Sodium acetate pH 4.6, 8% (w/v) PEG 4000				
H1	4,C1	0.2 M Ammonium sulfate, 0.1 M Sodium acetate pH 4.6, 25% (w/v) PEG 4000				
H2	4,C2	0.2 M Ammonium acetate, 0.1 M Sodium acetate pH 4.6, 30% (w/v) PEG 4000				
H3	4,C3	0.2 M Ammonium acetate, 0.1 M tri-Sodium citrate pH 5.6, 30% (w/v) PEG 4000				
H4	4,C4	0.2 M Magnesium chloride, 0.1 M Tris-HCl pH 8.5, 30% (w/v) PEG 4000				
H5	4,C5	0.2 M Lithium sulfate, 0.1 M Tris-HCl pH 8.5, 30% (w/v) PEG 4000				
H6	4,C6	0.2 M Sodium acetate, 0.1 M Tris-HCl pH 8.5, 30% (w/v) PEG 4000				
H7	4,D1	0.2 M Ammonium sulfate, 30% (w/v) PEG 4000				
H8	4,D2	0.2 M Ammonium sulfate, 0.1 M MES pH 6.5, 30% (w/v) PEG 5000 MME				
H9	4,D3	0.1 M HEPES pH 7.5, 10% (w/v) PEG 6000, 5% (v/v) MPD				
H10	4,D4	10% (w/v) PEG 6000, 2.0 M Sodium chloride				
H11	4,D5	0.1 M HEPES pH 7.5, 20% (w/v) PEG 10000, 8% (v/v) Ethylene glycol				
H12	4,D6	0.1 M MES pH 6.5, 12% (w/v) PEG 20000				

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

Trademarks: QIAGEN®, EasyXtal®, NeXtal® (QIAGEN Group) 09/2008 © 2006–2008 QIAGEN, all rights reserved.

www.qiagen.com

Australia ■ 1-800-243-800

Austria ■ 0800/281010

Belgium ■ 0800-79612

Canada ■ 800-572-9613

China ■ 0086 21 3865 3865

Denmark ■ 80-885945

Finland ■ 0800-914416

France ■ 01-60-920-930

Germany ■ 02103-29-12000

Hong Kong ■ 800 933 965

Ireland ■ 1800 555 049

Italy ■ 800 787980

Japan ■ 03-5547-0811

Korea (South) ■ 1544 7145

Luxembourg ■ 8002 2076

The Netherlands ■ 0800 0229592

Norway ■ 800-18859

Singapore ■ 65-67775366

Spain ■ 91-630-7050

Sweden ■ 020-790282

Switzerland ■ 055-254-22-11

UK ■ 01293-422-911

USA ■ 800-426-8157

