

Scoring Sheet — The MPD 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	0.2 M Cadmium chloride, 40% (v/v) MPD				
A2	1,A2	0.2 M Potassium fluoride, 40% (v/v) MPD				
A3	1,A3	0.2 M Ammonium fluoride, 40% (v/v) MPD				
A4	1,A4	0.2 M Lithium chloride, 40% (v/v) MPD				
A5	1,A5	0.2 M Magnesium chloride, 40% (v/v) MPD				
A6	1,A6	0.2 M Sodium chloride, 40% (v/v) MPD				
A7	1,B1	0.2 M Calcium chloride, 40% (v/v) MPD				
A8	1,B2	0.2 M Potassium chloride, 40% (v/v) MPD				
A9	1,B3	0.2 M Ammonium chloride, 40% (v/v) MPD				
A10	1,B4	0.2 M Sodium iodide, 40% (v/v) MPD				
A11	1,B5	0.2 M Potassium iodide, 40% (v/v) MPD				
A12	1,B6	0.2 M Ammonium iodide, 40% (v/v) MPD				
B1	1,C1	0.2 M Sodium thiocyanate, 40% (v/v) MPD				
B2	1,C2	0.2 M Potassium thiocyanate, 40% (v/v) MPD				
B3	1,C3	0.2 M Lithium nitrate, 40% (v/v) MPD				
B4	1,C4	0.2 M Magnesium nitrate, 40% (v/v) MPD				
B5	1,C5	0.2 M Sodium nitrate, 40% (v/v) MPD				
B6	1,C6	0.2 M Potassium nitrate, 40% (v/v) MPD				
B7	1,D1	0.2 M Ammonium nitrate, 40% (v/v) MPD				
B8	1,D2	0.2 M Zinc sulfate, 40% (v/v) MPD				
B9	1,D3	0.2 M Sodium formate, 40% (v/v) MPD				
B10	1,D4	0.2 M Potassium formate, 40% (v/v) MPD				
B11	1,D5	0.2 M Ammonium formate, 40% (v/v) MPD				
B12	1,D6	0.2 M Lithium acetate, 40% (v/v) MPD				
C1	2,A1	0.2 M Magnesium acetate, 40% (v/v) MPD				
C2	2,A2	0.2 M Sodium malonate, 40% (v/v) MPD				
C3	2,A3	0.2 M Sodium acetate, 40% (v/v) MPD				
C4	2,A4	0.2 M Calcium acetate, 40% (v/v) MPD				
C5	2,A5	0.2 M Potassium acetate, 40% (v/v) MPD				
C6	2,A6	0.2 M Ammonium acetate, 40% (v/v) MPD				
C7	2,B1	0.2 M Lithium sulfate, 40% (v/v) MPD				
C8	2,B2	0.2 M Magnesium sulfate, 40% (v/v) MPD				
C9	2,B3	0.2 M Cesium chloride, 40% (v/v) MPD				
C10	2,B4	0.2 M Nickel chloride, 40% (v/v) MPD				
C11	2,B5	0.2 M Ammonium sulfate, 40% (v/v) MPD				
C12	2,B6	0.2 M di-Sodium tartrate, 40% (v/v) MPD				
D1	2,C1	0.2 M Potassium/Sodium tartrate, 40% (v/v) MPD				
D2	2,C2	0.2 M di-Ammonium tartrate, 40% (v/v) MPD				
D3	2,C3	0.2 M Sodium phosphate, 40% (v/v) MPD				
D4	2,C4	0.2 M Potassium bromide, 40% (v/v) MPD				
D5	2,C5	0.2 M Sodium bromide, 40% (v/v) MPD				
D6	2,C6	0.2 M di-Potassium phosphate, 40% (v/v) MPD				
D7	2,D1	0.2 M Ammonium phosphate, 40% (v/v) MPD				
D8	2,D2	0.2 M di-Ammonium phosphate, 40% (v/v) MPD				
D9	2,D3	0.2 M tri-Lithium citrate, 40% (v/v) MPD				
D10	2,D4	0.2 M Sodium citrate, 40% (v/v) MPD				
D11	2,D5	0.2 M tri-Potassium citrate, 40% (v/v) MPD				
D12	2,D6	0.18 M tri-Ammonium citrate, 40% (v/v) MPD				



Location	Crystallization condition					
E1	3,A1	0.1 M Citric acid pH 4.0, 10% (v/v) MPD				
E2	3,A2	0.1 M Sodium acetate pH 5.0, 10% (v/v) MPD				
E3	3,A3	0.1 M MES pH 6.0, 10% (v/v) MPD				
E4	3,A4	0.1 M HEPES pH 7.0, 10% (v/v) MPD				
E5	3,A5	0.1 M Tris pH 8.0, 10% (v/v) MPD				
E6	3,A6	0.1 M BICINE pH 9.0, 10% (v/v) MPD				
E7	3,B1	0.1 M Citric acid pH 4.0, 20% (v/v) MPD				
E8	3,B2	0.1 M Sodium acetate pH 5.0, 20% (v/v) MPD				
E9	3,B3	0.1 M MES pH 6.0, 20% (v/v) MPD				
E10	3,B4	0.1 M HEPES pH 7.0, 20% (v/v) MPD				
E11	3,B5	0.1 M Tris pH 8.0, 20% (v/v) MPD				
E12	3,B6	0.1 M BICINE pH 9.0, 20% (v/v) MPD				
F1	3,C1	0.1 M Citric acid pH 4.0, 40% (v/v) MPD				
F2	3,C2	0.1 M Sodium acetate pH 5.0, 40% (v/v) MPD				
F3	3,C3	0.1 M MES pH 6.0, 40% (v/v) MPD				
F4	3,C4	0.1 M HEPES pH 7.0, 40% (v/v) MPD				
F5	3,C5	0.1 M Tris pH 8.0, 40% (v/v) MPD				
F6	3,C6	0.1 M BICINE pH 9.0, 40% (v/v) MPD				
F7	3,D1	0.1 M Sodium acetate pH 4.0, 65% (v/v) MPD				
F8	3,D2	0.1 M Sodium acetate pH 5.0, 65% (v/v) MPD				
F9	3,D3	0.1 M MES pH 6.0, 65% (v/v) MPD				
F10	3,D4	0.1 M HEPES pH 7.0, 65% (v/v) MPD				
F11	3,D5	0.1 M Tris pH 8.0, 65% (v/v) MPD				
F12	3,D6	0.1 M BICINE pH 9.0, 65% (v/v) MPD				
G1	4,A1	0.1 M Sodium citrate, 0.1 M HEPES sodium salt pH 7.5, 10% (w/v) MPD				
G2	4,A2	0.05 M Magnesium chloride, 0.1 M Tris-HCl pH 8.5, 12% (w/v) MPD				
G3	4,A3	0.02 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 15% (w/v) MPD				
G4	4,A4	0.1 M Imidazole-HCl pH 8.0, 15% (w/v) MPD, 5% (w/v) PEG 4000				
G5	4,A5	0.2 M Ammonium acetate, 0.1 M Sodium citrate pH 5.6, 15% (w/v) MPD				
G6	4,A6	0.2 M Magnesium acetate, 0.1 M MES sodium salt pH 6.5, 15% (w/v) MPD				
G7	4,B1	0.2 M Sodium citrate, 0.1 M HEPES sodium salt pH 7.5, 15% (w/v) MPD				
G8	4,B2	0.1 M Sodium citrate, 0.1 M HEPES sodium salt pH 7.5, 20% (w/v) MPD				
G9	4,B3	0.1 M Imidazole-HCl pH 8.0, 20% (w/v) MPD				
G10	4,B4	0.2 M Sodium chloride, 20% (w/v) MPD, 4% (w/v) Glycerol				
G11	4,B5	0.02 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 30% (w/v) MPD				
G12	4,B6	0.2 M Ammonium acetate, 0.1 M Sodium citrate pH 5.6, 30% (w/v) MPD				
H1	4,C1	0.2 M Magnesium acetate, 0.1 M MES sodium salt pH 6.5, 30% (w/v) MPD				
H2	4,C2	0.5 M Ammonium sulfate, 0.1 M HEPES sodium salt pH 7.5, 30% (w/v) MPD				
H3	4,C3	0.2 M Sodium citrate, 0.1 M HEPES sodium salt pH 7.5, 30% (w/v) MPD				
H4	4,C4	0.1 M HEPES sodium salt pH 7.5, 30% (w/v) MPD, 5% (w/v) PEG 4000				
H5	4,C5	0.1 M Imidazole-HCl pH 8.0, 30% (w/v) MPD, 10% (w/v) PEG 4000				
H6	4,C6	30% (w/v) MPD, 20% (w/v) Ethanol				
H7	4,D1	35% (w/v) MPD				
H8	4,D2	0.1 M Imidazole-HCl pH 8.0, 35% (w/v) MPD				
H9	4,D3	0.1 M Tris-HCl pH 8.5, 40% (w/v) MPD				
H10	4,D4	0.1 M HEPES sodium salt pH 7.5, 47% (w/v) MPD				
H11	4,D5	47% (w/v) MPD, 2% (w/v) tert-Butanol				
H12	4,D6	50% (w/v) MPD				

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

