

# Scoring Sheet — The COMPAS Suite

Date:	Protein:	Protein vol.:	$\mu$ l
Operator:	Buffer:	Solution vol.:	$\mu$ l
Plate ID:	Additives:	Additive vol.:	$\mu$ l

Date of observation

Location	Crystallization condition					
A1	1,A1	0.1 M Potassium chloride, 12% (w/v) PEG 8000, 5% (w/v) Glycerol				
A2	1,A2	0.5 M Potassium chloride, 12% (w/v) PEG 8000, 10% (w/v) Glycerol				
A3	1,A3	0.2 M Ammonium sulfate, 15% (w/v) PEG 8000				
A4	1,A4	0.5 M Lithium sulfate, 15% (w/v) PEG 8000				
A5	1,A5	0.2 M Sodium acetate, 0.1 M MES pH 6.5, 15% (w/v) PEG 8000				
A6	1,A6	0.05 M Ammonium sulfate, 0.1 M Sodium citrate, 15% (w/v) PEG 8000				
A7	1,B1	0.2 M Calcium acetate, 0.1 M HEPES pH 7.5, 18% (w/v) PEG 8000,				
A8	1,B2	0.1 M Sodium acetate, 0.1 M HEPES pH 7.5, 18% (w/v) PEG 8000, 2% (w/v) Isopropanol				
A9	1,B3	0.2 M Lithium sulfate, 0.1 M Tris pH 8.5, 18% (w/v) PEG 8000				
A10	1,B4	0.1 M HEPES pH 7.5, 20% (w/v) PEG 8000				
A11	1,B5	0.2 M Magnesium acetate, 0.1 M MES pH 6.5, 20% (w/v) PEG 8000				
A12	1,B6	0.1 M CHES pH 9.5, 20% (w/v) PEG 8000				
B1	1,C1	0.2 M Ammonium sulfate, 0.1 M MES pH 6.5, 22% (w/v) PEG 8000				
B2	1,C2	0.2 M Lithium chloride, 25% (w/v) PEG 8000				
B3	1,C3	0.2 M Ammonium sulfate, 30% (w/v) PEG 8000				
B4	1,C4	0.1 M Sodium acetate pH 4.6, 8% (w/v) PEG 10000				
B5	1,C5	0.1 M Imidazole pH 8.0, 14% (w/v) PEG 10000				
B6	1,C6	0.1 M Tris pH 8.5, 16% (w/v) PEG 10000				
B7	1,D1	0.1 M Sodium chloride, 0.1 M Tris pH 8.5, 18% (w/v) PEG 10000, 20% (w/v) Glycerol				
B8	1,D2	0.1 M HEPES pH 7.5, 20% (w/v) PEG 10000				
B9	1,D3	0.1 M Tris pH 8.5, 30% (w/v) PEG 10000				
B10	1,D4	0.1 M MES pH 6.5, 10% (w/v) PEG 20000				
B11	1,D5	0.1 M Magnesium chloride, 0.1 M Tris pH 8.5, 17% (w/v) PEG 20000				
B12	1,D6	20% (w/v) PEG 20000				
C1	2,A1	0.01 M Sodium acetate, 50% (w/v) MPD, 15% (w/v) Ethanol				
C2	2,A2	0.05M Sodium chloride, 0.05 M Sodium acetate, 50% (w/v) MPD, 20% (w/v) Isopropanol				
C3	2,A3	0.1 M Ammonium phosphate, 0.1 M Tris pH 8.5, 50% (w/v) MPD				
C4	2,A4	55% (w/v) MPD				
C5	2,A5	0.01 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 60% (w/v) MPD				
C6	2,A6	0.02 M Sodium acetate, 60% (w/v) MPD				
C7	2,B1	0.1 M MES pH 6.5, 70% (w/v) MPD				
C8	2,B2	0.1 M Tris pH 8.5, 70% (w/v) MPD,				
C9	2,B3	0.01 M Calcium chloride, 0.1 M Tris pH 8.5, 20% (w/v) Methanol				
C10	2,B4	0.1 M Tris pH 8.5, 2% (w/v) Ethanol				
C11	2,B5	0.1 M HEPES pH 7.5, 5% (w/v) Ethanol, 5% (w/v) MPD				
C12	2,B6	0.2 M Sodium chloride, 0.1 M Tris pH 8.5, 5% (w/v) Ethanol, 5% (w/v) MPD				
D1	2,C1	0.1 M Tris pH 8.5, 10% (w/v) Ethanol				
D2	2,C2	0.1 M Sodium acetate pH 4.6, 12% (w/v) Ethanol, 4% (w/v) PEG 400				
D3	2,C3	0.1 M Tris pH 8.5, 14% (w/v) Ethanol, 5% (w/v) Glycerol				
D4	2,C4	0.1 M Tris pH 8.5, 18% (w/v) Ethanol				
D5	2,C5	20% (w/v) Ethanol				
D6	2,C6	20% (w/v) Ethanol, 10% (w/v) Glycerol				
D7	2,D1	0.1 M Sodium acetate, 30% (w/v) Ethanol, 10% (w/v) PEG 6000				
D8	2,D2	45% (w/v) Ethanol				
D9	2,D3	0.01 M Sodium acetate, 50% (w/v) Ethanol				
D10	2,D4	0.05 M Sodium acetate, 60% (w/v) Ethanol, 1.5% (w/v) PEG 6000				
D11	2,D5	0.1 M Sodium chloride, 60% (w/v) Ethanol				
D12	2,D6	0.01 M Magnesium sulfate, 0.1 M Tris pH 8.5, 2% (w/v) Isopropanol				



Location	Crystallization condition					
E1	3,A1	0.1 M HEPES pH 7.5, 5% (w/v) Isopropanol				
E2	3,A2	0.2 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 10% (w/v) Isopropanol				
E3	3,A3	0.2 M Sodium citrate, 0.1 M HEPES pH 7.5, 10% (w/v) Isopropanol				
E4	3,A4	0.01 M Magnesium chloride, 0.1 M Tris pH 8.5, 10% (w/v) Isopropanol				
E5	3,A5	0.05 M Sodium chloride, 0.1 M Tris pH 8.5, 12% (w/v) Isopropanol				
E6	3,A6	0.2 M Sodium citrate, 0.1 M MES pH 6.5, 15% (w/v) Isopropanol				
E7	3,B1	0.2 M Sodium citrate, 0.1 M HEPES pH 7.5, 15% (w/v) Isopropanol				
E8	3,B2	0.2 M Magnesium chloride, 0.1 M HEPES pH 7.5, 15% (w/v) Isopropanol				
E9	3,B3	0.2 M Ammonium acetate, 0.1 M Tris pH 8.5, 15% (w/v) Isopropanol,				
E10	3,B4	0.2 M Calcium chloride, 0.1 M Sodium acetate pH 4.6, 20% (w/v) Isopropanol				
E11	3,B5	0.2 M Sodium citrate, 0.1 M HEPES pH 7.5, 20% (w/v) Isopropanol				
E12	3,B6	0.1 M Magnesium chloride, 0.1 M HEPES pH 7.5, 25% (w/v) Isopropanol				
F1	3,C1	0.2 M Sodium citrate, 0.1 M MES pH 6.5, 30% (w/v) Isopropanol				
F2	3,C2	0.2 M Magnesium chloride, 0.1 M HEPES pH 7.5, 30% (w/v) Isopropanol				
F3	3,C3	0.2 M Ammonium acetate, 0.1 M Tris pH 8.5, 30% (w/v) Isopropanol				
F4	3,C4	0.1 M Calcium chloride, 0.1 M Tris pH 8.5, 25% (w/v) tert-Butanol				
F5	3,C5	0.1 M Sodium citrate pH 5.6, 35% (w/v) tert-Butanol				
F6	3,C6	0.2 M Ammonium dihydrogen phosphate				
F7	3,D1	0.2 M Potassium/Sodium tartrate				
F8	3,D2	0.2 M Magnesium acetate				
F9	3,D3	0.4 M Ammonium dihydrogen phosphate				
F10	3,D4	0.4 M Potassium/Sodium tartrate				
F11	3,D5	0.1 M Tris pH 8.5, 0.4 M Potassium/Sodium tartrate				
F12	3,D6	0.2 M Sodium citrate, 0.5 M Ammonium dihydrogen phosphate				
G1	4,A1	0.1 M Imidazole pH 8.0, 0.5 M Sodium acetate				
G2	4,A2	0.1 M HEPES pH 7.5, 0.7 M Sodium citrate				
G3	4,A3	0.1 M Tris pH 8.5, 0.7 M Lithium sulfate				
G4	4,A4	0.1 M HEPES pH 7.5, 0.8 M Potassium/Sodium tartrate				
G5	4,A5	0.1 M Sodium citrate pH 5.6, 1.0 M Ammonium dihydrogen phosphate				
G6	4,A6	0.1 M Tris pH 8.5, 1.0 M Ammonium dihydrogen phosphate				
G7	4,B1	0.01 M Nickel chloride, 0.1 M Tris pH 8.5, 1.0 M Lithium sulfate				
G8	4,B2	0.1 M Imidazole pH 8.0, 1.0 M Sodium acetate				
G9	4,B3	0.1 M Sodium acetate pH 4.6, 1.0 M Sodium formate				
G10	4,B4	0.1 M MES pH 6.5, 1.4 M Sodium acetate				
G11	4,B5	0.1 M HEPES pH 7.5, 1.4 M Sodium citrate				
G12	4,B6	0.1 M Tris pH 8.5, 1.5 M Lithium sulfate				
H1	4,C1	1 M Sodium citrate pH 6.5				
H2	4,C2	0.1 M MES pH 6.5, 1.6 M Magnesium sulfate				
H3	4,C3	0.1 M MES pH 6.5, 1.6 M Potassium/Sodium tartrate				
H4	4,C4	0.1 M MES pH 6.5, 2.0 M Ammonium formate				
H5	4,C5	0.1 M Tris pH 8.5, 2.0 M Ammonium dihydrogen phosphate				
H6	4,C6	2.0 M Sodium formate				
H7	4,D1	0.1 M Tris pH 8.5, 2.0 M Magnesium chloride				
H8	4,D2	0.2 M Sodium acetate, 0.1 M MES pH 6.5, 2.0 M Sodium chloride				
H9	4,D3	0.1 M Sodium acetate pH 4.6, 2.0 M Sodium formate				
H10	4,D4	0.1 M Tris pH 8.5, 1.0 M Ammonium dihydrogen phosphate, 30% (w/v) Glycerol				
H11	4,D5	0.1 M HEPES pH 7.5, 4.0 M Sodium chloride				
H12	4,D6	3.0 M Sodium formate				

Order EasyXtal and NeXtal products online at [www.qiagen.com/crystallization](http://www.qiagen.com/crystallization)

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

[www.qiagen.com](http://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

