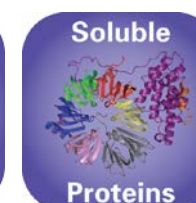
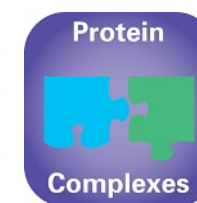


Molecular
Dimensions

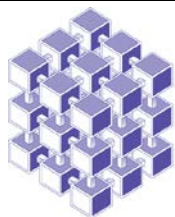
MIDASplus™ HT-96

Conditions A1- D12

MD1-107



| Well No. | Conc. | Units | Salt | Conc. | Units | Buffer | pH | Conc. | Precipitant1 | Conc. | Units | Precipitant2 |
|----------|--------|-------|-------------------------------------|-------|-------|----------------------------|-----|------------|--------------------------------------------|----------|---------|----------------------------------------|
| A1 | | | | 0.1 M | | HEPES | 6 | 50 % v/v | Polypropylene glycol 400 | | 5 % v/v | Dimethyl sulfoxide |
| A2 | | | | 0.1 M | | MES | 5.5 | 12 % w/v | Polyvinylpyrrolidone | | | |
| A3 | | | | 0.1 M | | HEPES | 6.5 | 45 % w/v | Poly(acrylic acid sodium salt) 2100 | | | |
| A4 | | | | | | | | 14 % v/v | Poly(acrylic acid-co-maleic acid) solution | | | |
| A5 | 0.5 M | | Ammonium phosphate monobasic | | | | | 12.5 % w/v | Poly(acrylic acid sodium salt) 2100 | | | |
| A6 | | | | 0.1 M | | Tris | 8.5 | 19 % v/v | Poly(acrylic acid-co-maleic acid) solution | | | |
| A7 | | | | | | | | 10 % v/v | Polypropylene glycol 400 | | | |
| A8 | | | | | | | | 5 % w/v | Poly(acrylic acid sodium salt) 2100 | | | |
| A9 | | | | 0.1 M | | MES | 6 | 25 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | | | |
| A10 | 0.1 M | | Sodium sulfate | | | | | 24 % w/v | Polyvinylpyrrolidone | | | |
| A11 | 0.2 M | | Calcium chloride dihydrate | 0.1 M | | HEPES | 6.5 | 35 % v/v | Pentaerythritol ethoxylate (15/4 EO/OH) | | | |
| A12 | | | | 0.1 M | | Potassium/sodium phosphate | 7 | 35 % v/v | Polypropylene glycol 400 | | | |
| B1* | 0.1 M | | Sodium formate | | | | | 20 % w/v | SOKALAN® CP 45 | | | |
| B2 | 0.2 M | | Sodium thiocyanate | 0.1 M | | HEPES | 7 | 15 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | | | |
| B3* | 0.1 M | | Sodium chloride | 0.1 M | | HEPES | 7 | 25 % w/v | SOKALAN® PA 25 CL | | | |
| B4 | 0.2 M | | Sodium chloride | 0.1 M | | MES | 6 | 45 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | | | |
| B5 | | | | 0.1 M | | HEPES | 7 | 8 % w/v | Polyvinyl alcohol | 10 % v/v | | 1-Propanol |
| B6 | 0.1 M | | Lithium sulfate | 0.1 M | | HEPES | 7 | 30 % w/v | Polyvinylpyrrolidone | | | |
| B7 | | | | 0.2 M | | Imidazole | 7 | 40 % v/v | Polypropylene glycol 400 | | | |
| B8 | 0.06 M | | Lithium sulfate | 0.1 M | | HEPES | 7.5 | 8 % v/v | Poly(acrylic acid-co-maleic acid) solution | 3 % v/v | | Pentaerythritol ethoxylate (3/4 EO/OH) |
| B9* | 0.1 M | | Sodium tartrate dibasic dihydrate | 0.1 M | | HEPES | 7 | 20 % w/v | SOKALAN® PA 25 CL | | | |
| B10 | | | | | | | | 30 % v/v | Jeffamine® M-600 | 10 % v/v | | Dimethyl sulfoxide |
| B11 | | | | | | | | 20 % v/v | Polypropylene glycol 400 | 10 % v/v | | 1-Propanol |
| B12 | | | | 0.1 M | | HEPES | 6.5 | 28 % v/v | Poly(acrylic acid-co-maleic acid) solution | | | |
| C1 | | | | | | | | 15 % v/v | Jeffamine® ED-2003 | 10 % v/v | | Ethanol |
| C2 | 0.2 M | | Sodium chloride | 0.1 M | | MES | 6 | 30 % v/v | Jeffamine® ED-2003 | | | |
| C3* | 0.1 M | | Sodium malonate dibasic monohydrate | 0.1 M | | MES | 5.5 | 25 % w/v | SOKALAN® CP 45 | | | |
| C4 | 0.2 M | | Sodium chloride | 0.1 M | | MES | 6 | 15 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | | | |
| C5 | 0.2 M | | Magnesium chloride hexahydrate | | | | | 35 % v/v | Pentaerythritol ethoxylate (3/4 EO/OH) | | | |
| C6 | | | | | | | | 40 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | 15 % v/v | | Ethanol |
| C7 | | | | 0.1 M | | Tris | 8 | 50 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | | | |
| C8 | 0.2 M | | Sodium chloride | 0.1 M | | Tris | 8 | 12.5 % w/v | Polyvinylpyrrolidone | 10 % w/v | | PEG 4000 |
| C9 | 0.1 M | | Sodium chloride | | | | | 25 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | 10 % v/v | | Dimethyl sulfoxide |
| C10 | 0.2 M | | Ammonium sulfate | 0.1 M | | HEPES | 7.5 | 35 % w/v | Poly(acrylic acid sodium salt) 2100 | | | |
| C11 | 0.1 M | | Magnesium formate dihydrate | 0.1 M | | Tris | 8.5 | 30 % v/v | Pentaerythritol ethoxylate (15/4 EO/OH) | | | |
| C12 | 0.2 M | | Potassium acetate | | | | | 24 % v/v | Poly(acrylic acid-co-maleic acid) solution | | | |
| D1 | | | | 0.1 M | | Tris | 8 | 60 % v/v | Polypropylene glycol 400 | | | |
| D2 | | | | 0.1 M | | HEPES | 7.5 | 30 % v/v | Pentaerythritol ethoxylate (15/4 EO/OH) | 6 % w/v | | Polyvinylpyrrolidone |
| D3 | | | | | | | | 45 % v/v | Polypropylene glycol 400 | 10 % v/v | | Ethanol |
| D4 | | | | | | | | 10 % v/v | Pentaerythritol ethoxylate (3/4 EO/OH) | 10 % v/v | | 1-Butanol |
| D5* | | | | 0.1 M | | HEPES | 7 | 12.5 % w/v | Poly(acrylic acid sodium salt) 2100 | 6 % v/v | | PPGBA 2000 |
| D6 | | | | 0.1 M | | HEPES | 6.5 | 6 % w/v | Polyvinylpyrrolidone | | | |
| D7 | | | | 0.1 M | | HEPES | 6.5 | 20 % v/v | Jeffamine® ED-2003 | | | |
| D8 | | | | 0.1 M | | Tris | 8 | 20 % v/v | Glycerol ethoxylate | 10 % v/v | | Tetrahydrofuran |
| D9* | | | | 0.2 M | | Imidazole | 7 | 25 % v/v | PPGBA 2000 | | | |
| D10* | 0.2 M | | Potassium chloride | 0.1 M | | HEPES | 6.5 | 30 % v/v | PPGBA 230 | | | |
| D11 | 0.1 M | | Sodium chloride | | | | | 30 % v/v | Polypropylene glycol 400 | | | |
| D12* | | | | | | | | 20 % v/v | PPGBA 400 | 15 % v/v | | 1-Propanol |

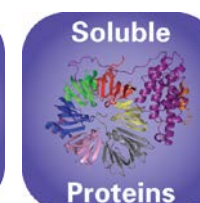
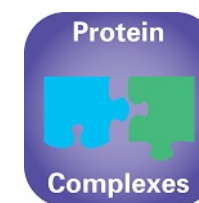


Molecular
Dimensions

MIDASplus™ HT-96

ConditionsE1 – H12

MD1–107



| Well No. | Conc. | Units | Salt | Conc. | Units | Buffer | pH | Conc. | Precipitant1 | Conc. | Units | Precipitant2 | Conc. | Units | Precipitant3 |
|----------|-------|-------|----------------------------------------|-------|-------|----------|-----|----------|-----------------------------------------|----------|-------|-------------------|-------|----------|--------------|
| E1* | 0.1 M | | Lithium citrate tribasic tetrahydrate | 0.1 M | | Tris | 8.5 | 15 % v/v | PPGBA 400 | | | | | | |
| E2 | 0.2 M | | Potassium acetate | | | | | 35 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | | | | | | |
| E3 | 0.2 M | | Potassium chloride | 0.1 M | | Glycine | 9.5 | 20 % v/v | Pentaerythritol ethoxylate (15/4 EO/OH) | | | | | | |
| E4 | 0.2 M | | Sodium thiocyanate | 0.1 M | | HEPES | 7 | 40 % v/v | Pentaerythritol propoxylate (5/4 PO/OH) | | | | | | |
| E5* | | | | | | | | 25 % w/v | SOKALAN® CP 45 | | | | | | |
| E6* | 0.2 M | | Potassium acetate | 0.1 M | | MES | 6 | 15 % v/v | Pentaerythritol ethoxylate (15/4 EO/OH) | | | | | | |
| E7 | 0.1 M | | Sodium malonate dibasic monohydrate | 0.1 M | | HEPES | 7 | 30 % w/v | Poly(acrylic acid sodium salt) 2100 | | | | | | |
| E8* | | | | | | | | 10 % v/v | PPGBA 230 | 10 % v/v | | Jeffamine® M-600 | | 10 % v/v | Ethanol |
| E9 | 0.1 M | | Lithium sulfate | 0.1 M | | Tris | 8 | 25 % v/v | Jeffamine® ED-2003 | | | | | | |
| E10* | | | | | | | | 20 % w/v | SOKALAN® PA 25 CL | | | | | | |
| E11 | 0.1 M | | Lithium sulfate | 0.1 M | | HEPES | 6.5 | 25 % w/v | Poly(acrylic acid sodium salt) 2100 | | | | | | |
| E12 | 0.2 M | | Magnesium chloride hexahydrate | 0.1 M | | HEPES | 7.5 | 15 % w/v | Poly(acrylic acid sodium salt) 2100 | | | | | | |
| F1* | | | | | | | | 40 % v/v | PPGBA 2000 | | | | | | |
| F2 | 0.5 M | | Sodium chloride | 0.1 M | | Tris | 8 | 10 % w/v | Poly(acrylic acid sodium salt) 2100 | | | | | | |
| F3* | | | | | | | | 10 % v/v | PPGBA 230 | 15 % v/v | | PPGBA 400 | | | |
| F4 | 0.2 M | | Sodium chloride | 0.1 M | | BICINE | 9 | 20 % w/v | Poly(acrylic acid sodium salt) 2100 | | | | | | |
| F5* | 0.2 M | | Sodium malonate dibasic monohydrate | 0.1 M | | MES | 5.5 | 20 % v/v | PPGBA 2000 | | | | | | |
| F6* | 0.1 M | | Cesium chloride | | | | | 25 % w/v | SOKALAN® CP 45 | | | | | | |
| F7* | | | | | | | | 25 % w/v | SOKALAN® PA 25 CL | | | | | | |
| F8* | 0.2 M | | Lithium nitrate | 0.1 M | | Bis-Tris | 6.5 | 30 % v/v | PPGBA 400 | | | | | | |
| F9 | | | | | | | | 20 % w/v | Poly(acrylic acid sodium salt) 5100 | | | | | | |
| F10 | | | | | | | | 28 % v/v | Polyethyleneimine | | | | | | |
| F11 | 0.1 M | | Ammonium formate | 0.1 M | | HEPES | 7 | 20 % w/v | SOKALAN® CP 7 | | | | | | |
| F12 | 0.2 M | | Sodium sulfate | 0.1 M | | Tris | 8 | 20 % w/v | SOKALAN® HP 56 | | | | | | |
| G1 | 0.1 M | | Potassium chloride | 0.1 M | | HEPES | 7 | 25 % w/v | SOKALAN® CP 7 | | | | | | |
| G2 | 0.3 M | | Ammonium formate | 0.1 M | | HEPES | 7 | 20 % w/v | SOKALAN® CP 5 | | | | | | |
| G3 | | | | | | | | 40 % v/v | Glycerol ethoxylate | | | | | | |
| G4 | | | | 0.1 M | | Tris | 8.5 | 30 % v/v | Glycerol ethoxylate | | | | | | |
| G5 | | | | | | | | 55 % v/v | Polypropylene glycol 400 | | | | | | |
| G6 | 0.2 M | | Lithium citrate tribasic tetrahydrate | | | | | 35 % v/v | Glycerol ethoxylate | | | | | | |
| G7 | 0.2 M | | Ammonium acetate | 0.1 M | | MES | 6.5 | 30 % v/v | Glycerol ethoxylate | | | | | | |
| G8 | | | | 0.1 M | | Tris | 8 | 20 % w/v | SOKALAN® CP 42 | 5 % v/v | | Methanol | | | |
| G9 | | | | 0.1 M | | Tris | 7 | 25 % w/v | SOKALAN® CP 42 | 10 % v/v | | Tetrahydrofuran | | | |
| G10 | 0.1 M | | Lithium acetate dihydrate | 0.1 M | | Bis-Tris | 6 | 20 % w/v | SOKALAN® CP 42 | | | | | | |
| G11* | 0.1 M | | Sodium chloride | 0.1 M | | Bis-Tris | 5.5 | 20 % v/v | PPGBA 400 | | | | | | |
| G12* | | | | 0.1 M | | Bis-Tris | 6 | 15 % w/v | SOKALAN® CP 5 | | | | | | |
| H1 | | | | 0.1 M | | Bis-Tris | 6 | 25 % w/v | SOKALAN® CP 42 | | | | | | |
| H2 | 0.2 M | | Ammonium formate | | | | | 25 % v/v | PPGBA 400 | | | | | | |
| H3 | | | | 0.1 M | | Tris | 8.5 | 20 % v/v | Glycerol ethoxylate | 3 % v/v | | Polyethyleneimine | | | |
| H4 | 0.2 M | | Ammonium chloride | 0.1 M | | HEPES | 7.5 | 25 % v/v | Glycerol ethoxylate | | | | | | |
| H5 | | | | 0.1 M | | Tris | 8.5 | 10 % w/v | SOKALAN® CP 42 | | | | | | |
| H6 | | | | 0.1 M | | MES | 6 | 30 % w/v | Poly(acrylic acid sodium salt) 5100 | 10 % v/v | | Ethanol | | | |
| H7 | 0.2 M | | Potassium citrate tribasic monohydrate | | | | | 15 % w/v | SOKALAN® CP 42 | | | | | | |
| H8 | | | | 0.1 M | | Tris | 8.5 | 30 % w/v | SOKALAN® CP 42 | | | | | | |
| H9 | 0.2 M | | Ammonium acetate | 0.1 M | | HEPES | 7 | 25 % w/v | SOKALAN® HP 56 | | | | | | |
| H10 | | | | 0.1 M | | Tris | 8.5 | 25 % w/v | SOKALAN® CP 5 | | | | | | |
| H11 | 0.2 M | | Ammonium formate | | | | | 10 % w/v | Polyvinylpyrrolidone | 20 % w/v | | PEG 4000 | | | |
| H12 | | | | 0.1 M | | Tris | 8 | 15 % w/v | Polyvinylpyrrolidone | 25 % w/v | | PEG 5000 MME | | | |