

Full interpretation of the results requires you to look at the individual melt curves.

95% of curves were used in T_m estimations

Average estimation of error is **0.5 C**

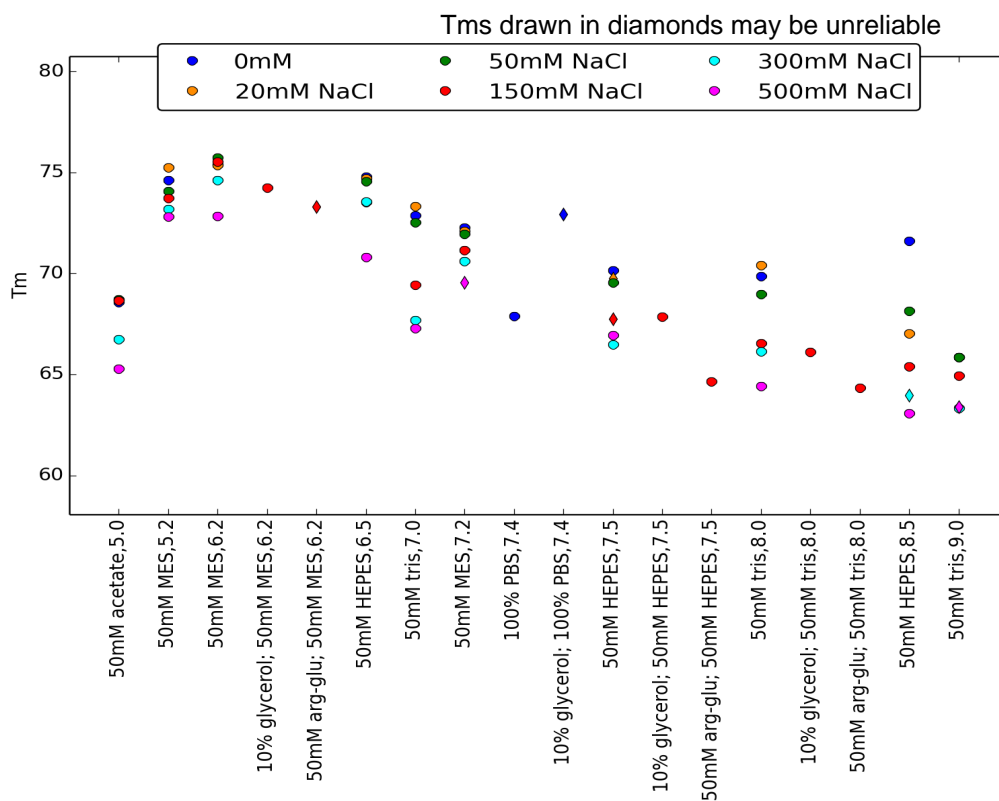
Protein as supplied is **not found**

Protein as supplied: T_m = N/A

Lysozyme Control: Not found

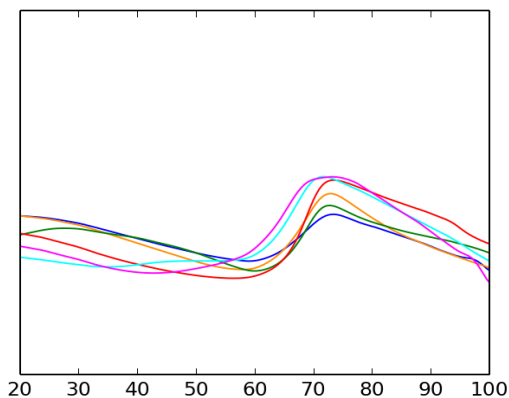
No Dye Control: Not found

No Protein Control: Not Found



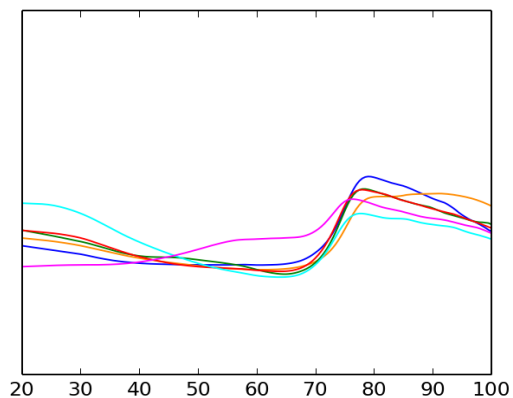
Highest T_m = 75.75

(50mM MES / 50mM NaCl)



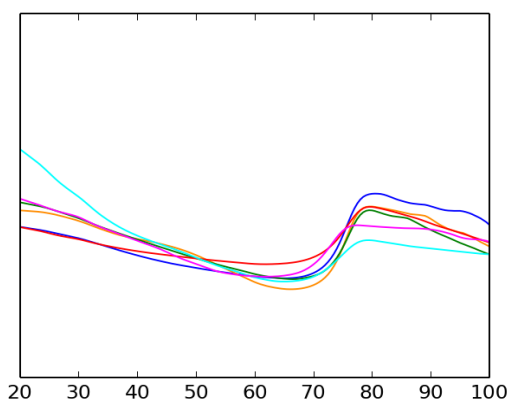
Condition: 50mM acetate (5.0)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 68.59	68.69	68.73
150mM NaCl	300mM NaCl	500mM NaCl
68.67	66.75	65.3



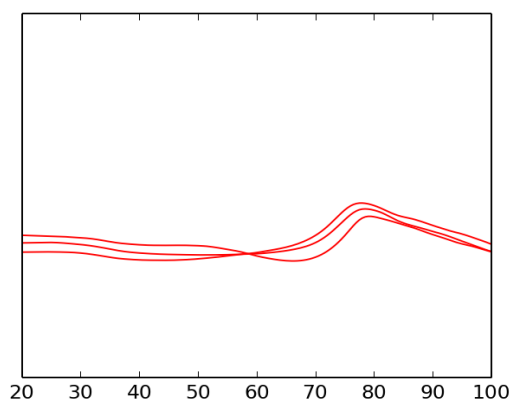
Condition: 50mM MES (5.2)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 74.62	75.24	74.08
150mM NaCl	300mM NaCl	500mM NaCl
73.72	73.19	72.82



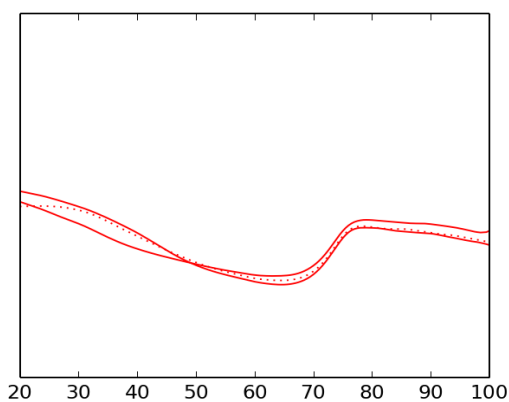
Condition: 50mM MES (6.2)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 75.4	75.36	75.75
150mM NaCl	300mM NaCl	500mM NaCl
75.54	74.61	72.86



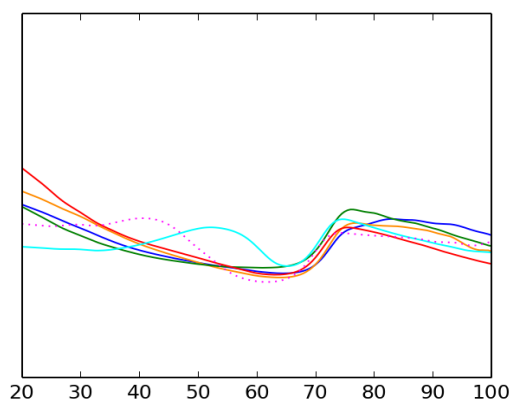
Condition: 10% glycerol; 50mM MES (6.2)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: None	None	None
150mM NaCl	300mM NaCl	500mM NaCl
74.25 (+/-0.94)	None	None



Condition: 50mM arg-glu; 50mM MES (6.2)

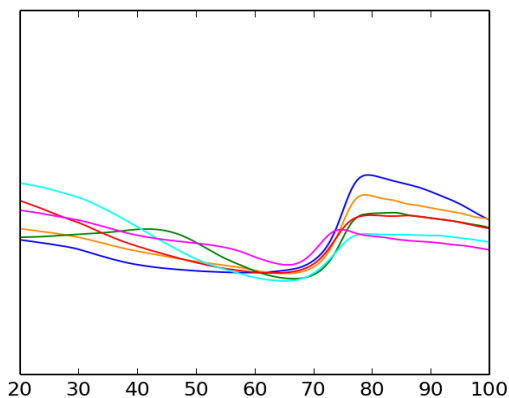
Salt: 0mM	20mM NaCl	50mM NaCl
Tm: None	None	None
150mM NaCl	300mM NaCl	500mM NaCl
73.31 (+/-0.04)^	None	None



Condition: 50mM MES (7.2)

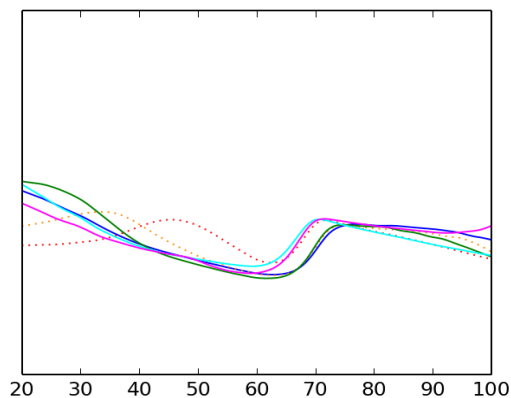
Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 72.28	72.1	71.95
150mM NaCl	300mM NaCl	500mM NaCl
71.16	70.61	69.54^

Curves drawn with dashed lines are monotonic and excluded from Tm calculations
 Curves with complex melt transitions are marked (^) and are drawn with a dotted line
 Curves coloured grey are outliers, and are excluded from Tm calculations



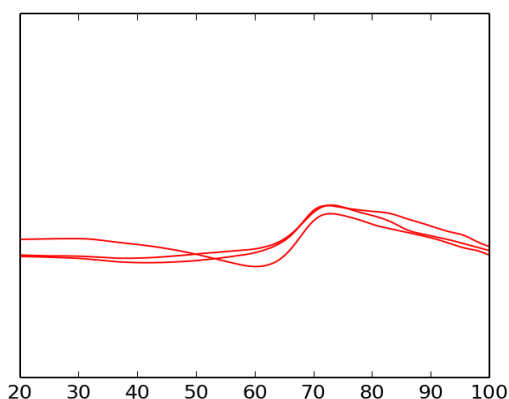
Condition: 50mM HEPES (6.5)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 74.78	74.72	74.57
150mM NaCl	300mM NaCl	500mM NaCl
73.53	73.56	70.8



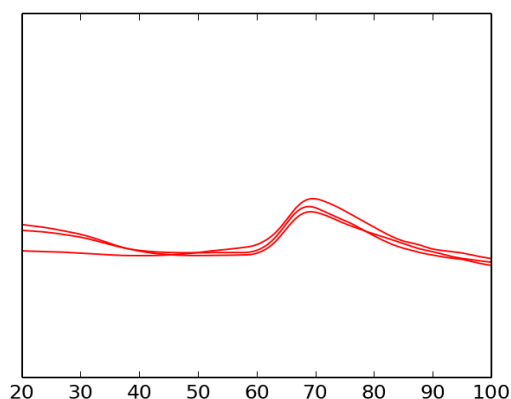
Condition: 50mM HEPES (7.5)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 70.15	69.74^	69.55
150mM NaCl	300mM NaCl	500mM NaCl
67.75^	66.5	66.94



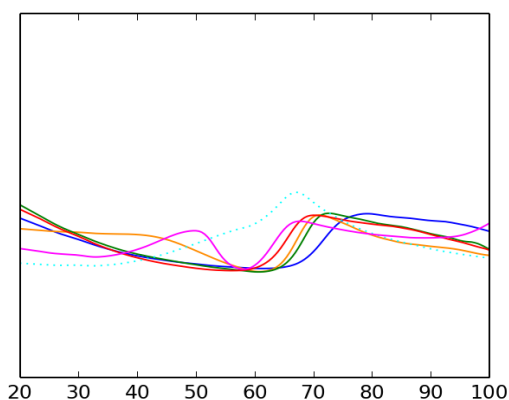
Condition: 10% glycerol; 50mM HEPES (7.5)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: None	None	None
150mM NaCl	300mM NaCl	500mM NaCl
67.85 (+/-0.17)	None	None



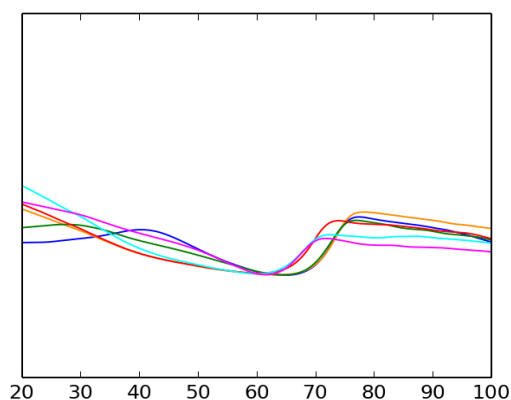
Condition: 50mM arg-glu; 50mM HEPES (7.5)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: None	None	None
150mM NaCl	300mM NaCl	500mM NaCl
64.65 (+/-0.25)	None	None



Condition: 50mM HEPES (8.5)

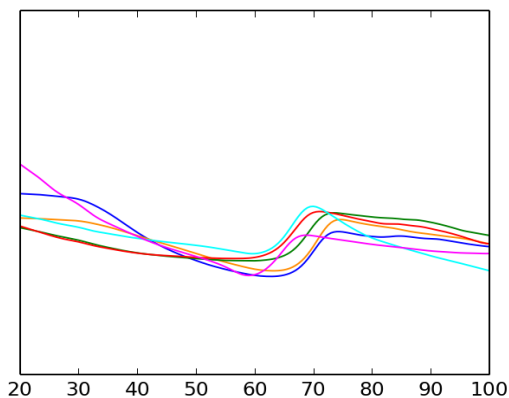
Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 71.62	67.03	68.15
150mM NaCl	300mM NaCl	500mM NaCl
65.39	63.96^	63.07



Condition: 50mM tris (7.0)

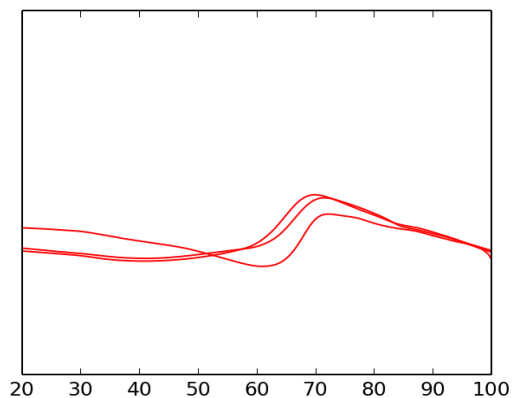
Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 72.88	73.34	72.52
150mM NaCl	300mM NaCl	500mM NaCl
69.43	67.69	67.28

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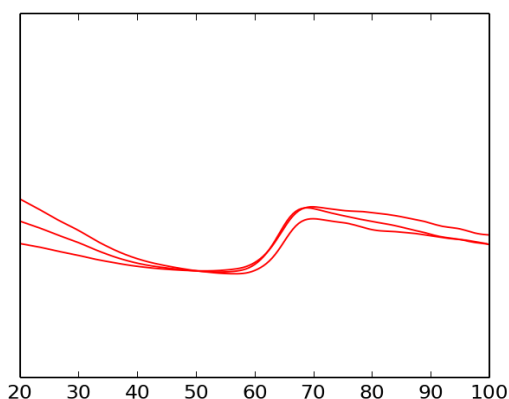
Condition: 50mM tris (8.0)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 69.87	70.42	68.97
150mM NaCl	300mM NaCl	500mM NaCl
66.56	66.14	64.43



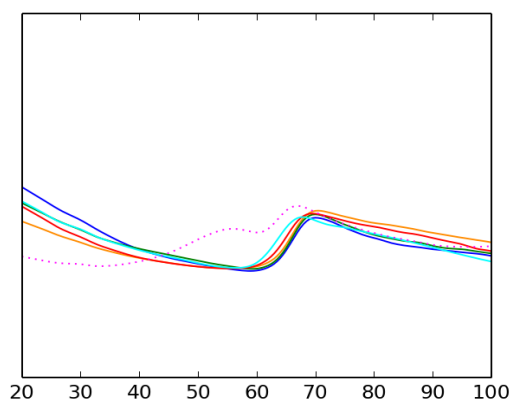
Condition: 10% glycerol; 50mM tris (8.0)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: None	None	None
150mM NaCl	300mM NaCl	500mM NaCl
66.13 (+/-1.23)	None	None



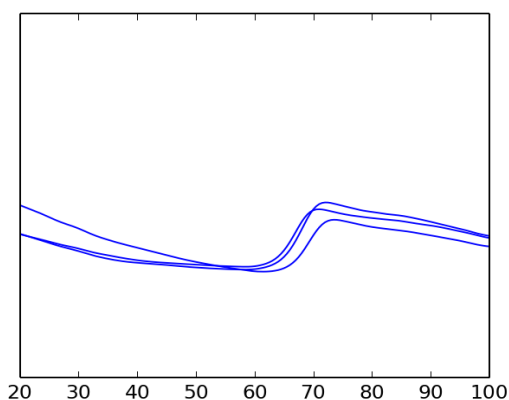
Condition: 50mM arg-glu; 50mM tris (8.0)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: None	None	None
150mM NaCl	300mM NaCl	500mM NaCl
64.34 (+/-0.35)	None	None



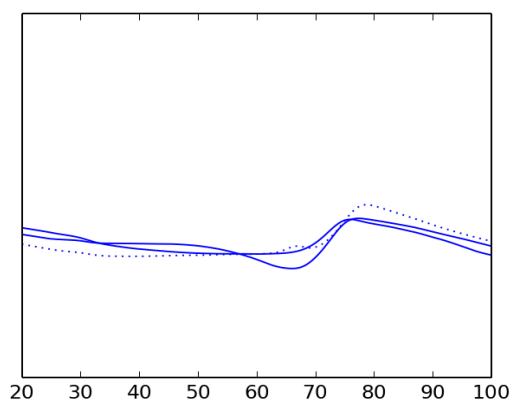
Condition: 50mM tris (9.0)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 65.87	65.85	65.87
150mM NaCl	300mM NaCl	500mM NaCl
64.93	63.34	63.39^



Condition: 100% PBS (7.4)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 67.89 (+/-0.95)	None	None
150mM NaCl	300mM NaCl	500mM NaCl
None	None	None



Condition: 10% glycerol; 100% PBS (7.4)

Salt: 0mM	20mM NaCl	50mM NaCl
Tm: 72.94 (+/-1.1)^	None	None
150mM NaCl	300mM NaCl	500mM NaCl
None	None	None

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