

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

77% of curves were used in T_m estimations

Average estimation of error is **0.3 C**

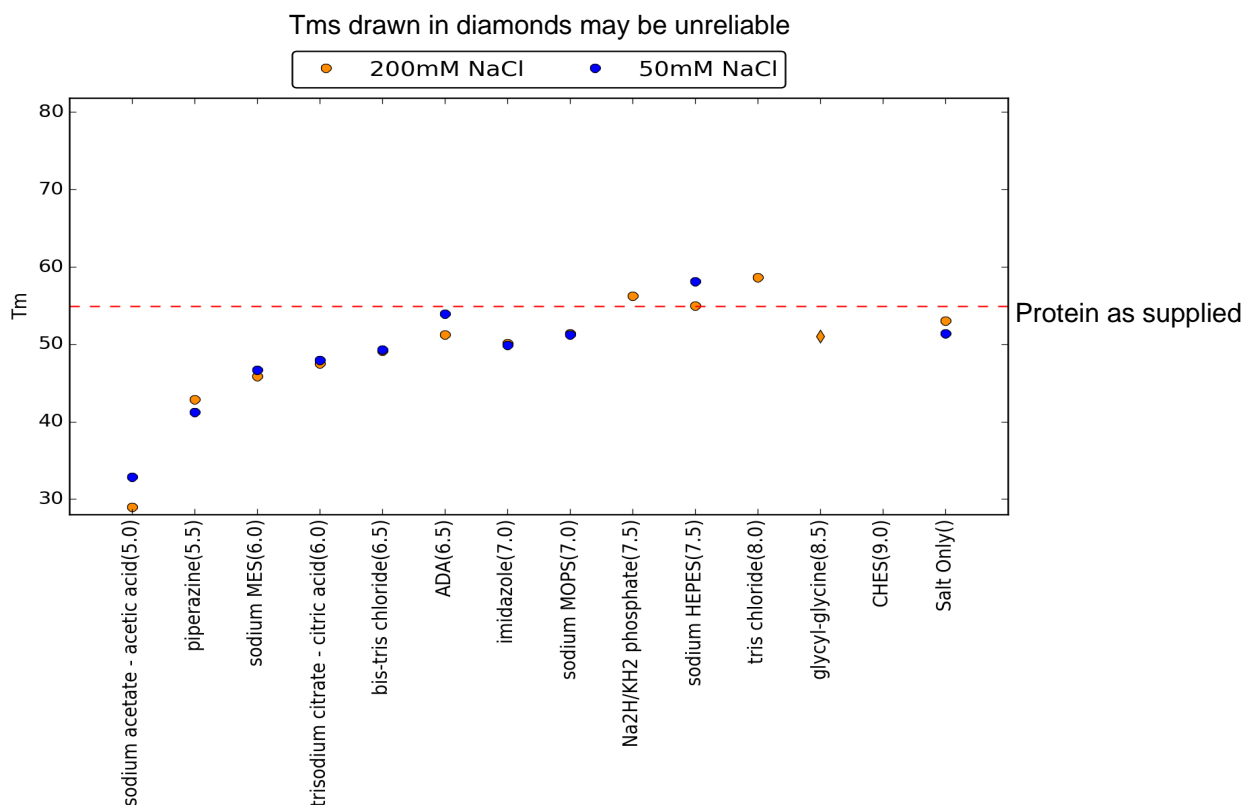
Protein as supplied is **well behaved**

Protein as supplied: $T_m = 54.92(\pm 0.09)$

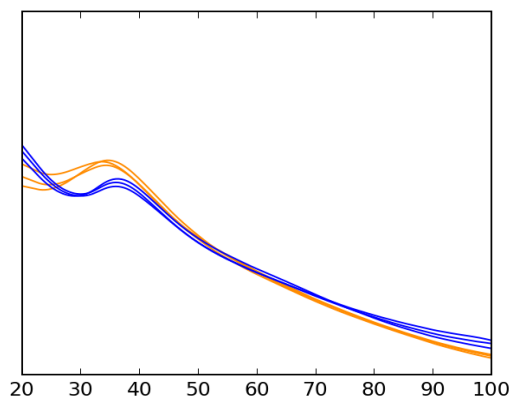
Lysozyme Control: Passed

No Dye Control: Passed

No Protein Control: Passed

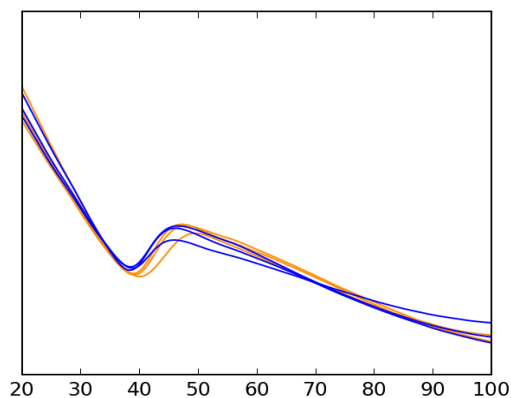


Highest $T_m = 58.68 \pm 0.25$
(tris chloride / 200mM NaCl)



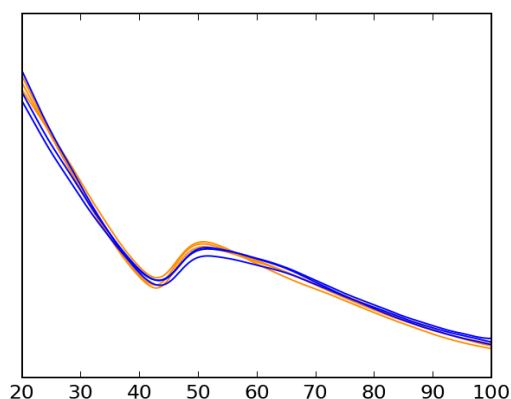
sodium acetate - acetic acid (5.0)

Grouped by	Tm
200mM NaCl	29.0 (+/-0.1)
50mM NaCl	32.83 (+/-0.07)



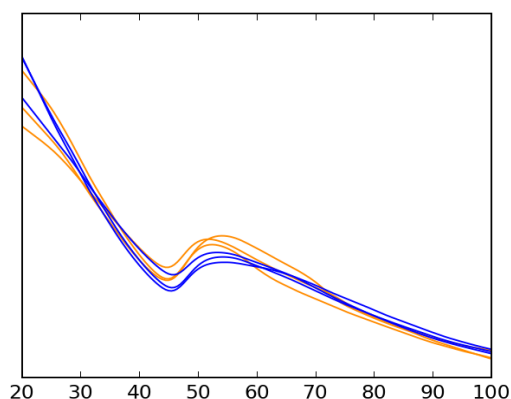
piperazine (5.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	42.87 (+/-0.85)	5.08
50mM NaCl	41.27 (+/-0.09)	5.11



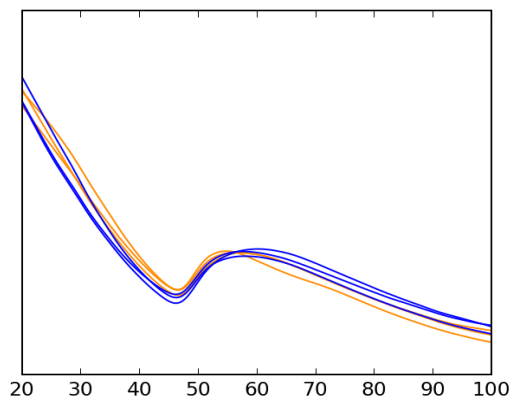
sodium MES (6.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	45.85 (+/-0.13)	5.8
50mM NaCl	46.68 (+/-0.07)	5.79



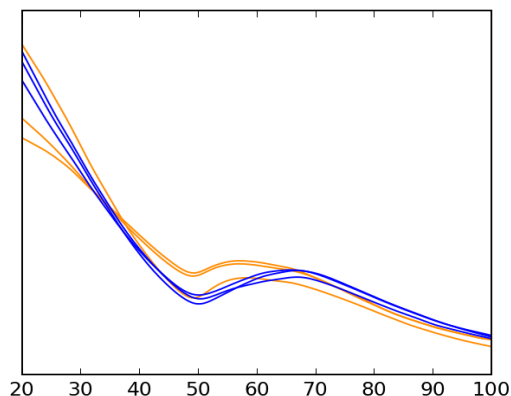
trisodium citrate - citric acid (6.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	47.55 (+/-0.21)	6.11
50mM NaCl	47.98 (+/-0.13)	6.11



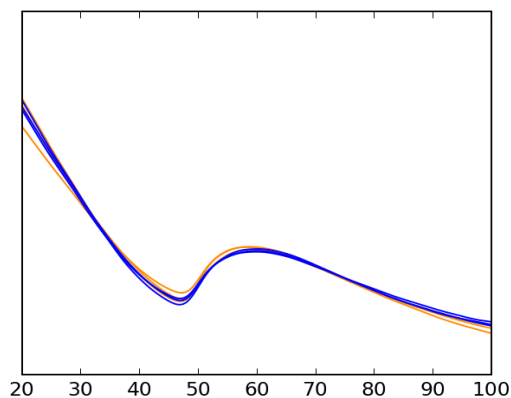
bis-tris chloride (6.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	49.17 (+/-0.06)	6.12
50mM NaCl	49.34 (+/-0.06)	6.12



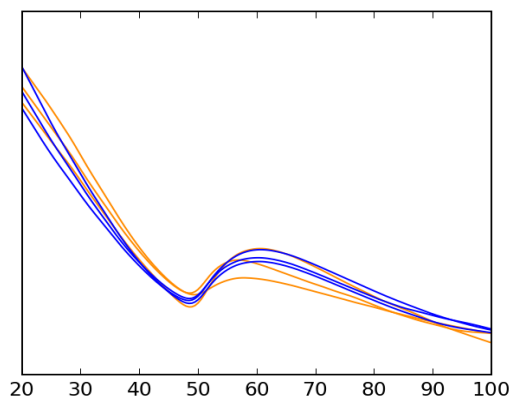
ADA (6.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	51.27 (+/-0.12)	6.39
50mM NaCl	53.98 (+/-0.56)	6.38



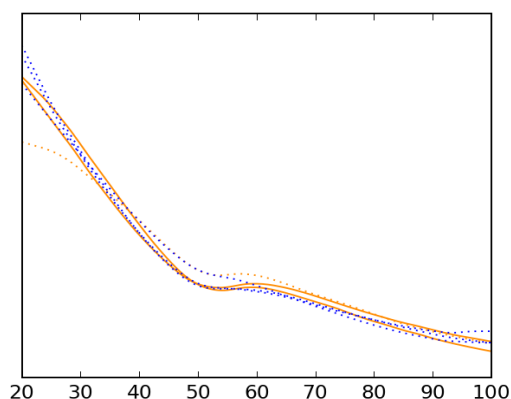
imidazole (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	50.12 (+/-0.08)	6.49
50mM NaCl	49.94 (+/-0.03)	6.49



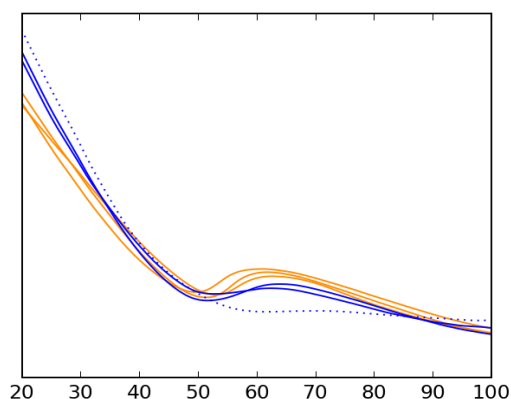
sodium MOPS (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	51.43 (+/-0.26)	6.74
50mM NaCl	51.25 (+/-0.04)	6.74



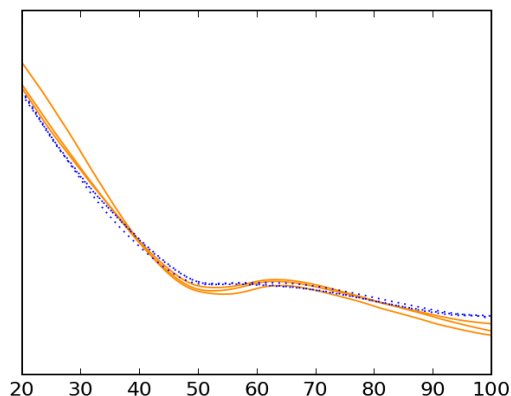
Na2H/KH2 phosphate (7.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	56.27 (+/-0.01)	7.7
50mM NaCl	None	



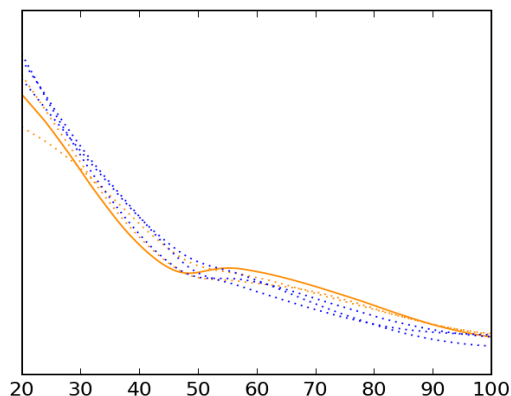
sodium HEPES (7.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	55.01 (+/-1.24)	7.29
50mM NaCl	58.1 (+/-0.35)	7.27



tris chloride (8.0)

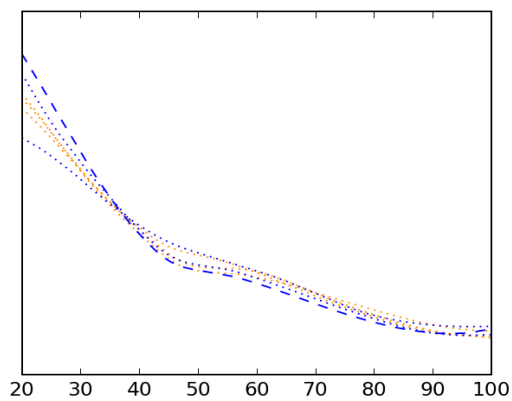
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	58.68 (+/-0.25)	7.22
50mM NaCl	None	



glycyl-glycine (8.5)

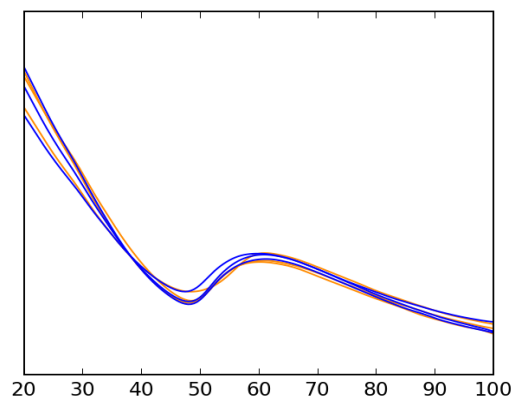
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	51.04	7.98
50mM NaCl	None	

Monotonic, saturated, in the noise, and outlier curves are dotted, and excluded from Tm calculations
Curves drawn with dashed lines have unreliable Tm estimates



CHES (9.0)

Grouped by	Tm
200mM NaCl	None
50mM NaCl	None



Salt Only ()

Grouped by	Tm
200mM NaCl	53.06 (+/-1.76)
50mM NaCl	51.4 (+/-0.29)