

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

The summary graph appears to be unreliable

90% of curves were used in T_m estimations

Average estimation of error is **1.7 C**

Protein as supplied is **well behaved**

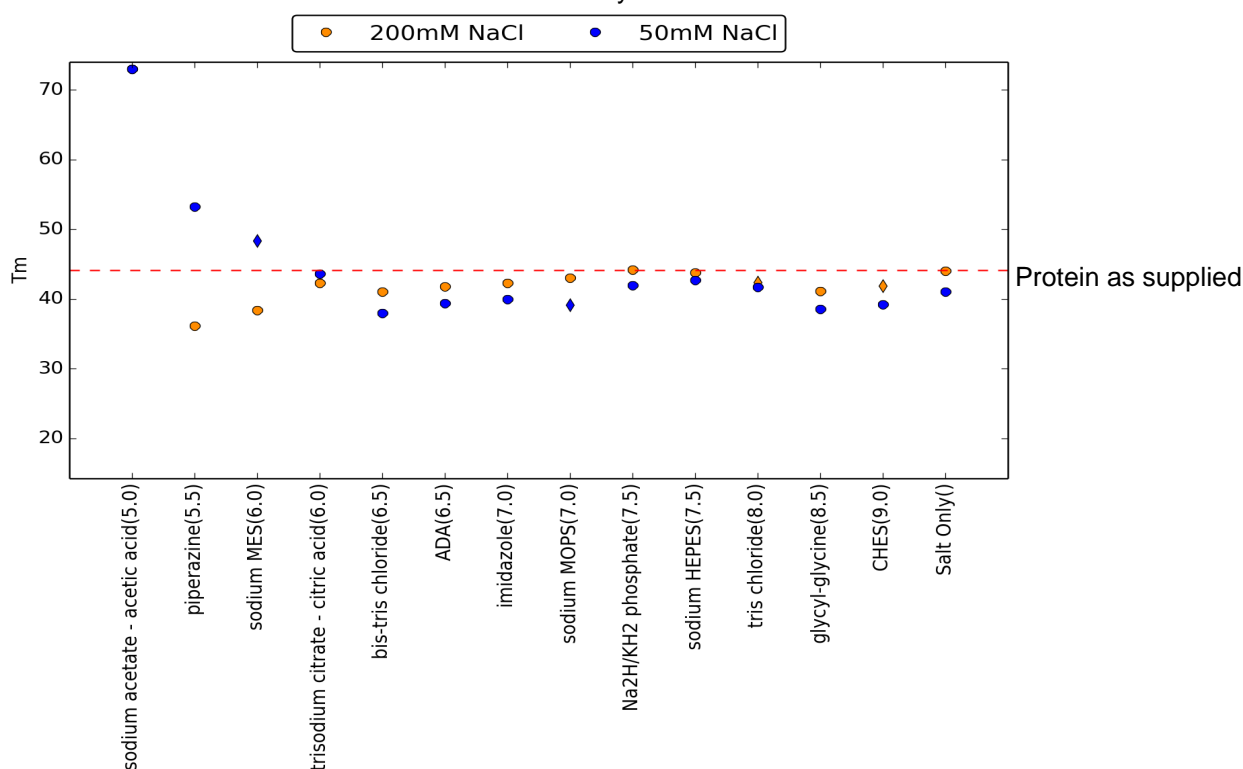
Protein as supplied: $T_m = 44.13(\pm 0.53)$

Lysozyme Control: Passed

No Dye Control: Failed

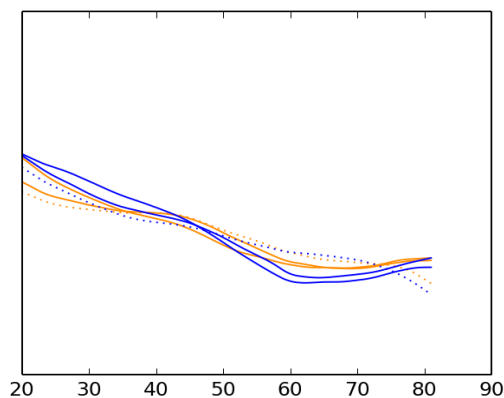
No Protein Control: Failed

Tms drawn in diamonds may be unreliable



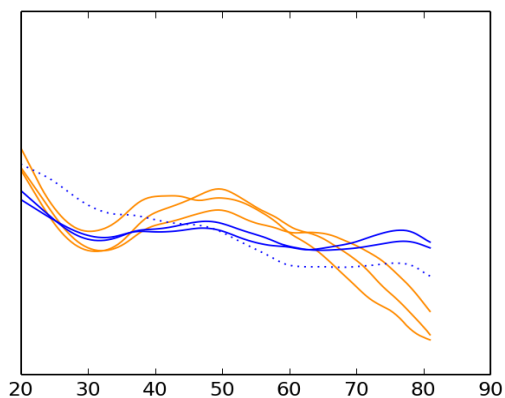
Highest $T_m = 73.0 \pm 0.0$

(sodium acetate - acetic acid / 200mM NaCl)



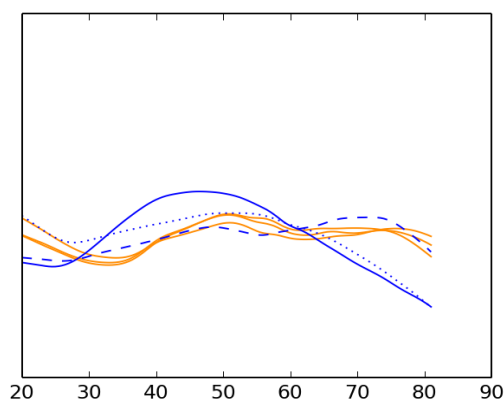
sodium acetate - acetic acid (5.0)

Grouped by	Tm
200mM NaCl	73.0 (+/-0.0)
50mM NaCl	73.0 (+/-0.0)



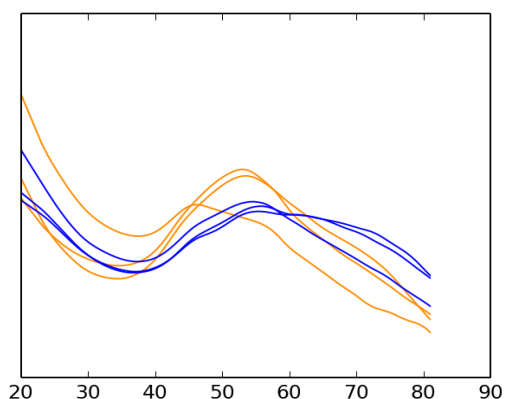
piperazine (5.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	36.19 (+/-0.44)	5.21
50mM NaCl	53.26 (+/-18.15)	4.89



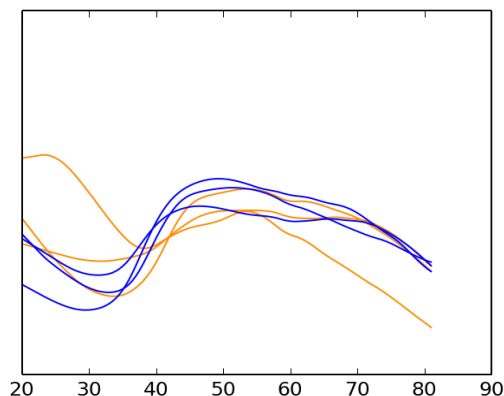
sodium MES (6.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	38.42 (+/-0.04)	5.86
50mM NaCl	48.38 (+/-16.74)	5.78



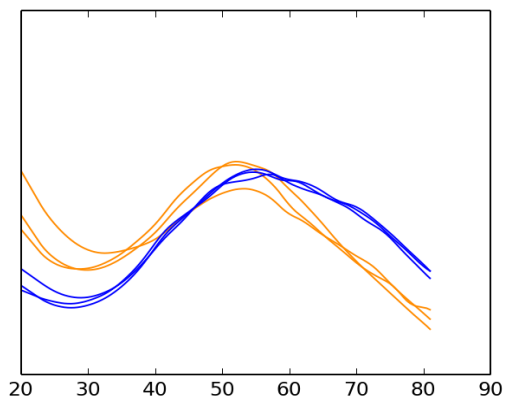
trisodium citrate - citric acid (6.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	42.33 (+/-0.09)	6.09
50mM NaCl	43.61 (+/-0.02)	6.09



bis-tris chloride (6.5)

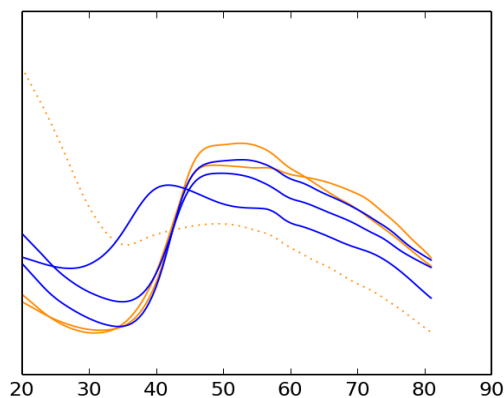
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	41.03 (+/-0.23)	6.23
50mM NaCl	37.97 (+/-0.71)	6.27



ADA (6.5)

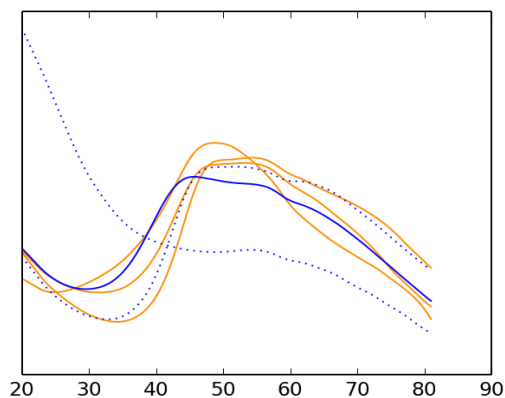
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	41.79 (+/-0.24)	6.42
50mM NaCl	39.42 (+/-0.12)	6.43

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



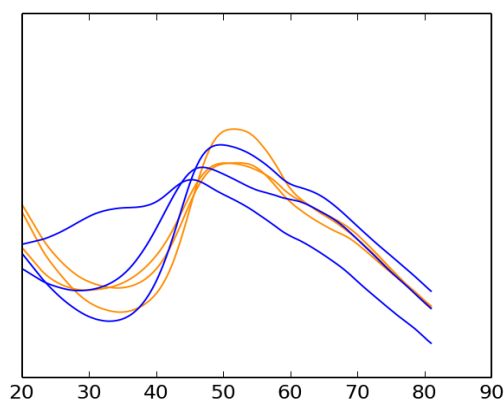
imidazole (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	42.28 (+/-0.3)	6.62
50mM NaCl	40.02 (+/-2.86)	6.66



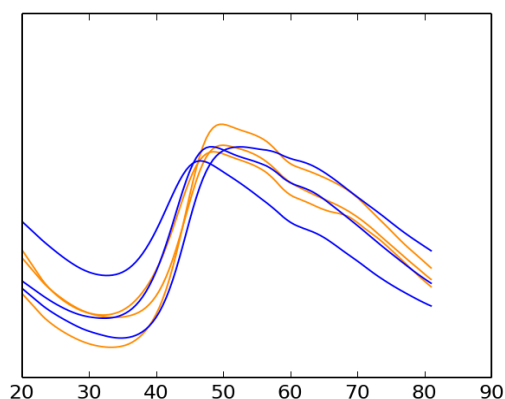
sodium MOPS (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	43.07 (+/-0.56)	6.81
50mM NaCl	39.17	6.84



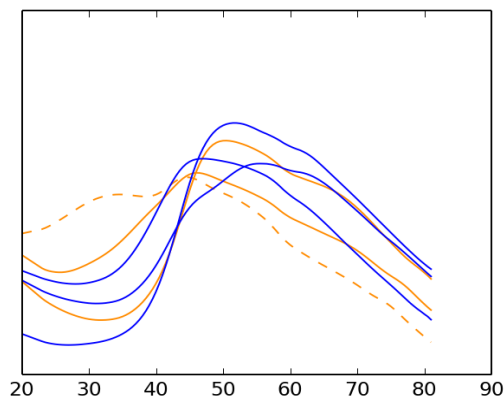
Na2H/KH2 phosphate (7.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	44.2 (+/-0.48)	7.63
50mM NaCl	42.0 (+/-0.98)	7.62



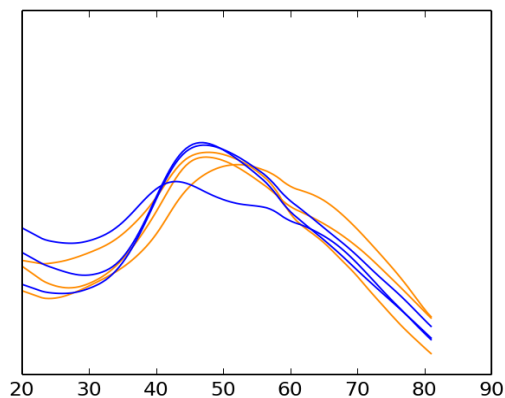
sodium HEPES (7.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	43.77 (+/-0.53)	7.36
50mM NaCl	42.7 (+/-1.17)	7.36



tris chloride (8.0)

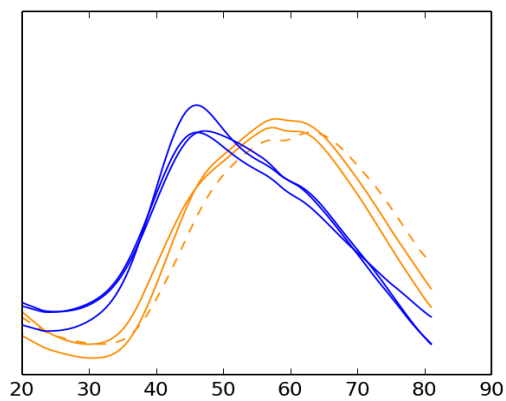
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	42.39 (+/-0.95)^	7.55
50mM NaCl	41.73 (+/-1.29)	7.56



glycyl-glycine (8.5)

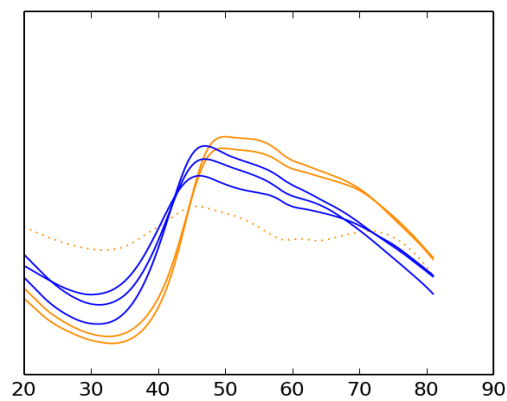
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	41.16 (+/-0.26)	8.15
50mM NaCl	38.57 (+/-1.18)	8.19

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	Adjusted pH at Tm
200mM NaCl	41.86 (+/-1.7)^	8.74
50mM NaCl	39.2 (+/-0.44)	8.77



Salt Only ()

Grouped by	Tm
200mM NaCl	44.01 (+/-0.06)
50mM NaCl	41.08 (+/-0.57)

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