

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

The summary graph appears to be unreliable

85% of curves were used in T<sub>m</sub> estimations

Average estimation of error is 1.3 C

Protein as supplied is **not well behaved**

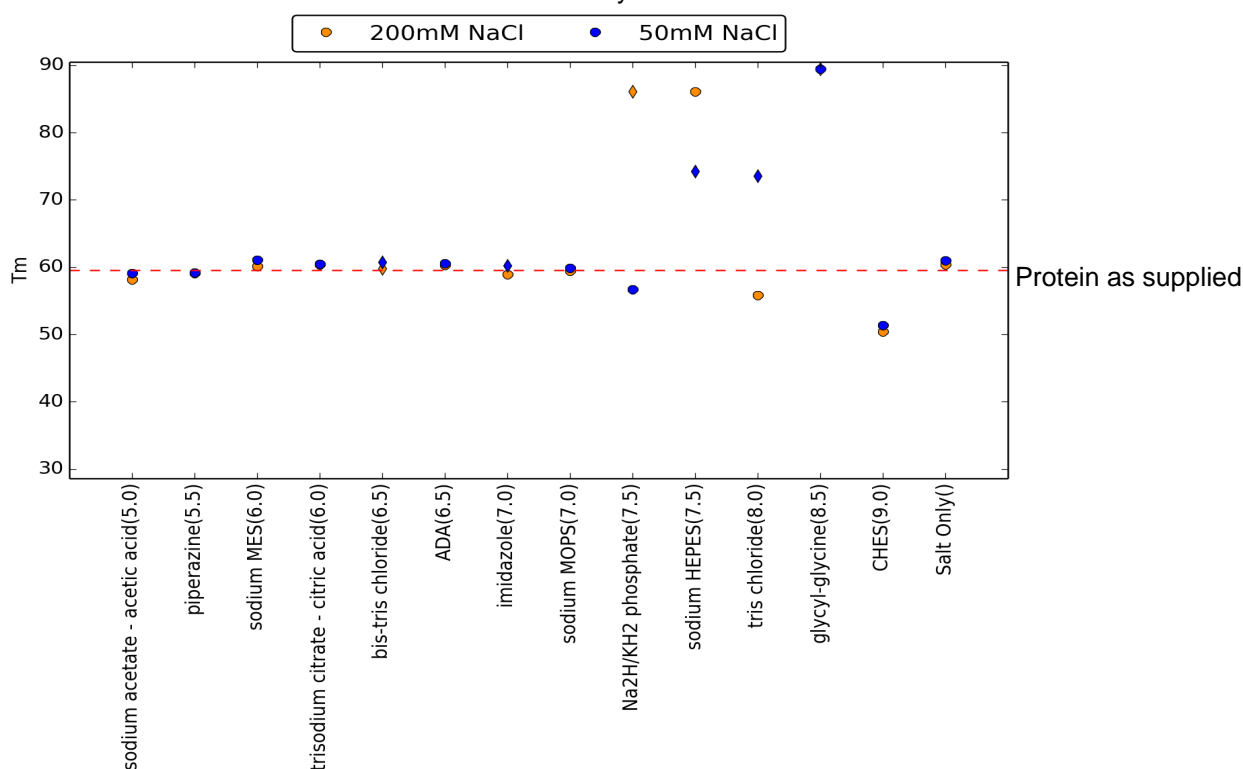
Protein as supplied: T<sub>m</sub> = 59.55

Lysozyme Control: Passed

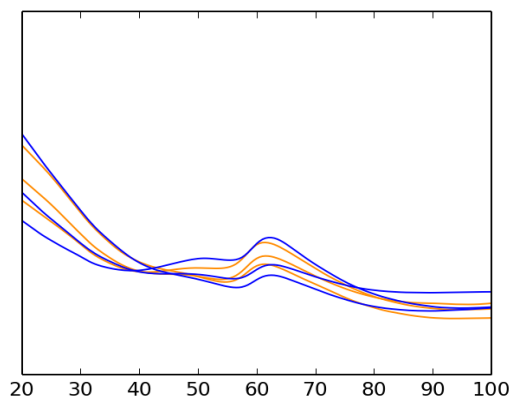
No Dye Control: Failed

No Protein Control: Not Found

T<sub>m</sub>s drawn in diamonds may be unreliable

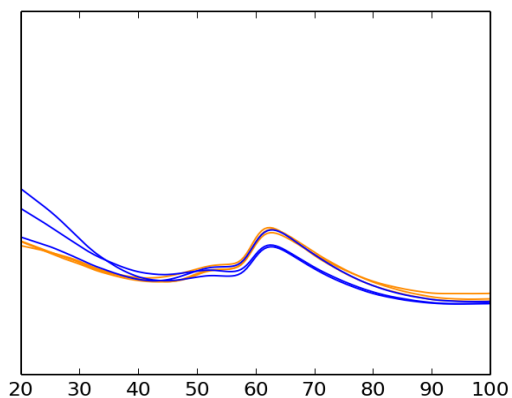


Highest T<sub>m</sub> = 89.5 +/- 0.0  
(glycyl-glycine / 200mM NaCl)



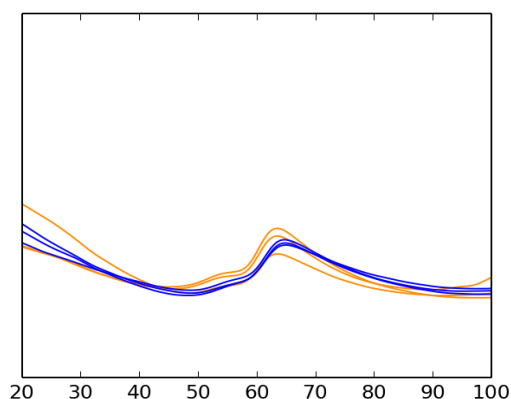
### sodium acetate - acetic acid (5.0)

Grouped by	Tm
200mM NaCl	58.17 (+/-0.02)
50mM NaCl	59.12 (+/-0.14)



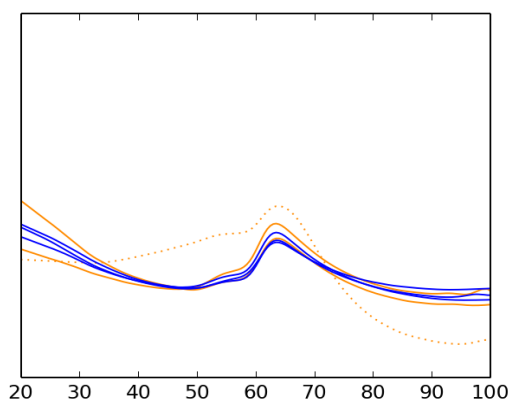
### piperazine (5.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	59.11 (+/-0.04)	4.79
50mM NaCl	59.21 (+/-0.07)	4.79



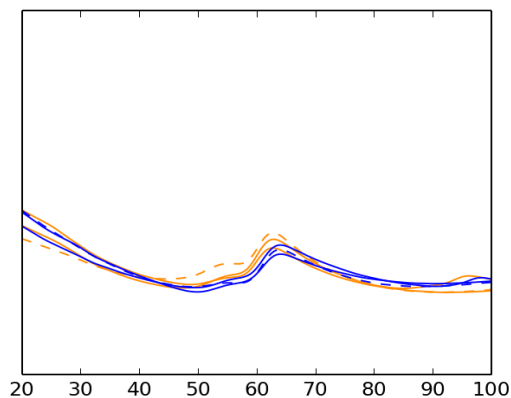
### sodium MES (6.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	60.12 (+/-0.0)	5.69
50mM NaCl	61.11 (+/-0.02)	5.68



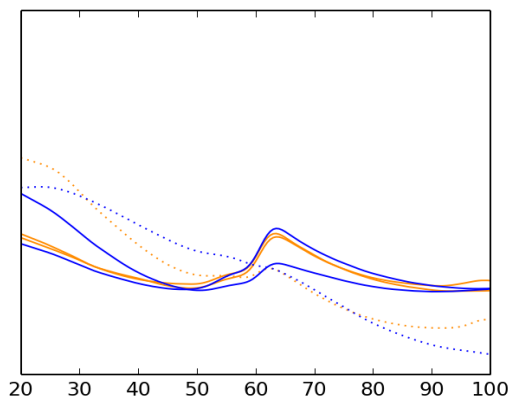
### trisodium citrate - citric acid (6.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	60.38 (+/-0.07)	6.16
50mM NaCl	60.46 (+/-0.03)	6.16



### bis-tris chloride (6.5)

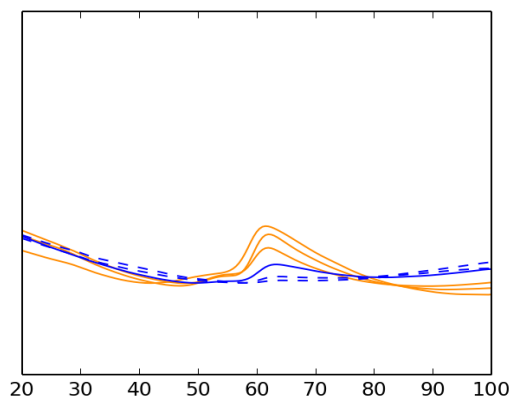
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	59.85 (+/-0.08)^	5.98
50mM NaCl	60.79 (+/-0.04)^	5.97



### ADA (6.5)

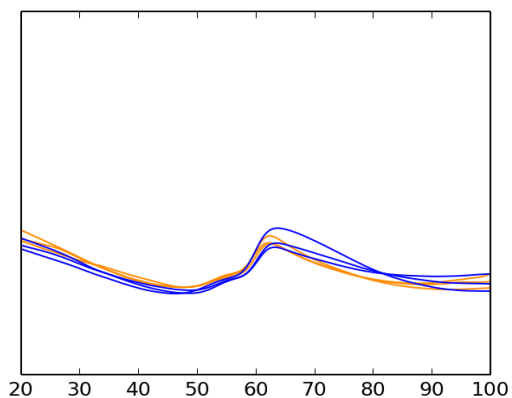
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	60.36 (+/-0.06)	6.36
50mM NaCl	60.56 (+/-0.07)	6.36

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



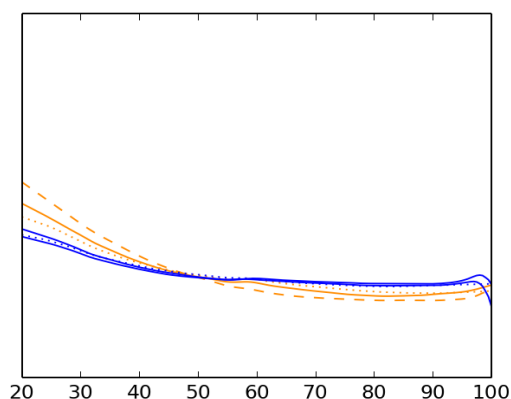
### imidazole (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	58.94 (+/-0.34)	6.34
50mM NaCl	60.21 (+/-0.15)	6.32



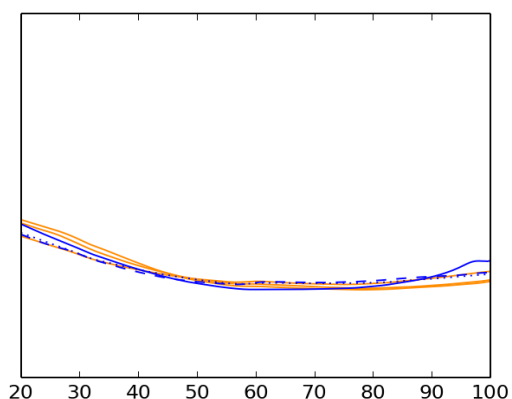
### sodium MOPS (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	59.5 (+/-0.11)	6.67
50mM NaCl	59.91 (+/-0.19)	6.67



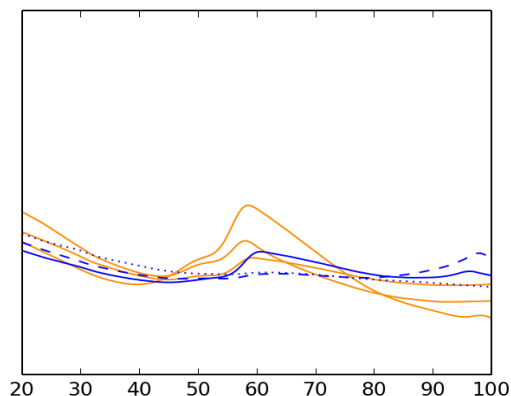
### Na2H/KH2 phosphate (7.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	86.1 (+/-3.4)^	7.86
50mM NaCl	56.71 (+/-0.53)	7.7



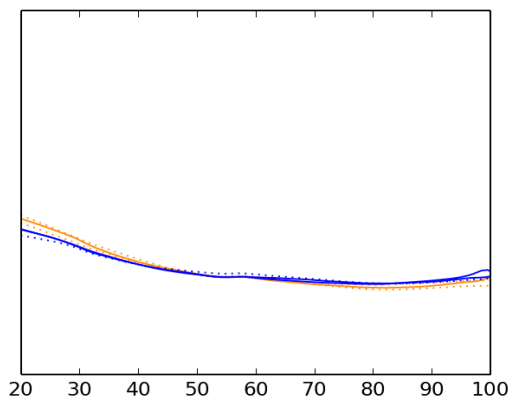
### sodium HEPES (7.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	86.07 (+/-2.49)	7.1
50mM NaCl	74.25 (+/-15.25)^	7.17



### tris chloride (8.0)

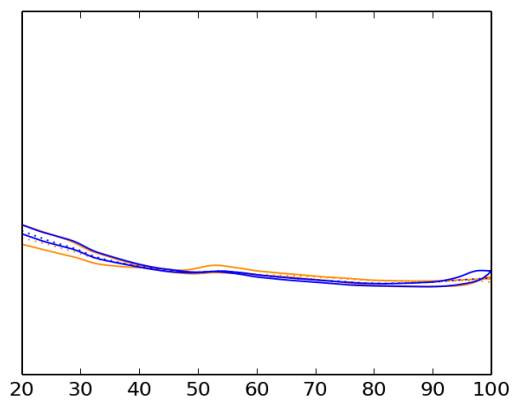
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	55.88 (+/-0.34)	7.27
50mM NaCl	73.56 (+/-15.94)^	6.92



### glycyl-glycine (8.5)

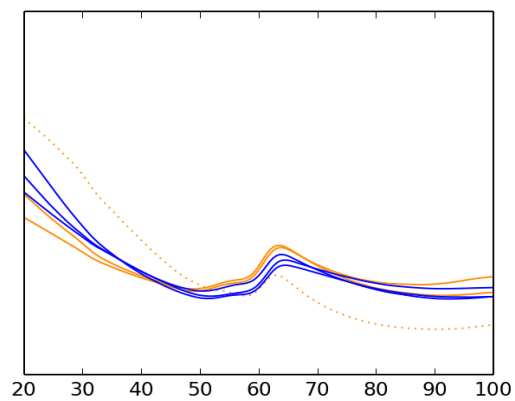
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	89.5	7.34
50mM NaCl	89.5 (+/-0.0)	7.34

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	50.39 (+/-0.39)	8.64
50mM NaCl	51.38 (+/-0.16)	8.62



### Salt Only ( )

Grouped by	Tm
200mM NaCl	60.44 (+/-0.12)
50mM NaCl	61.03 (+/-0.11)

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