

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

The summary graph appears to be unreliable

56% of curves were used in  $T_m$  estimations

Average estimation of error is **0.9 C**

Protein as supplied is **not well behaved**

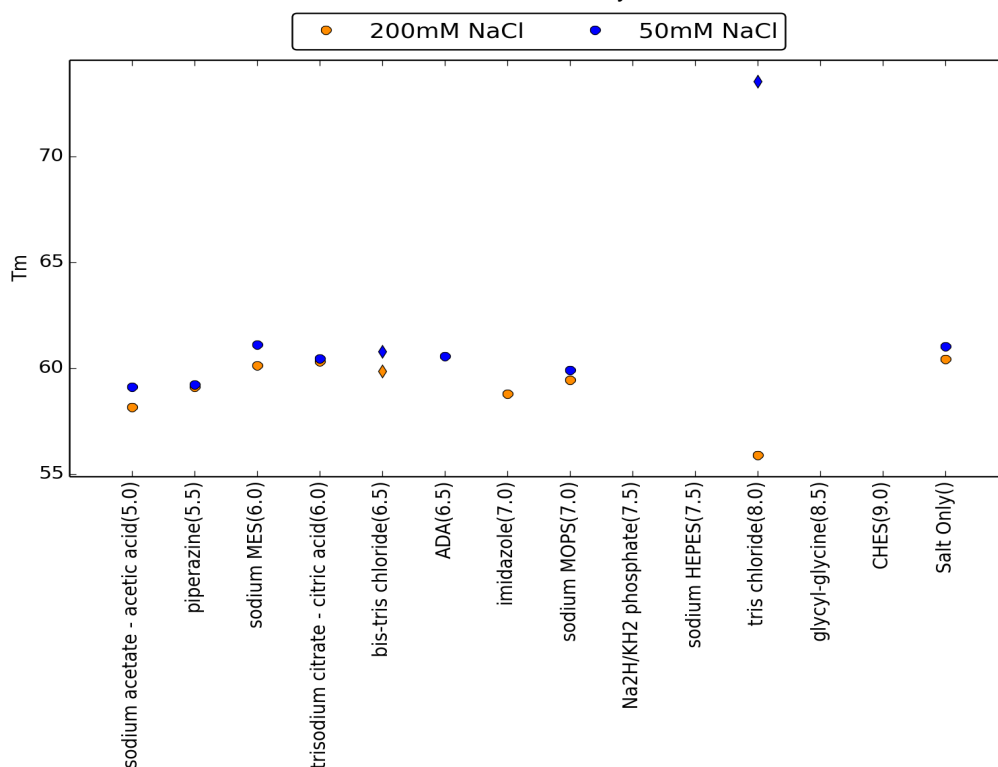
Protein as supplied:  $T_m$  = N/A

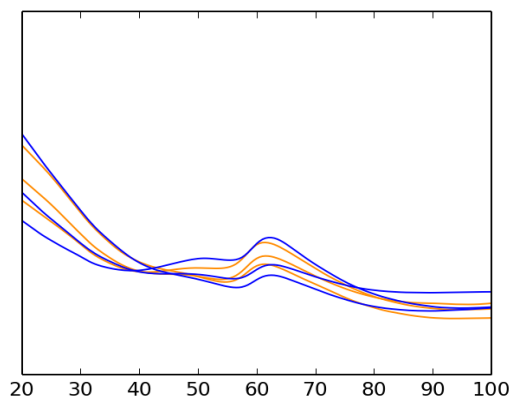
Lysozyme Control: Passed

No Dye Control: Failed

No Protein Control: Failed

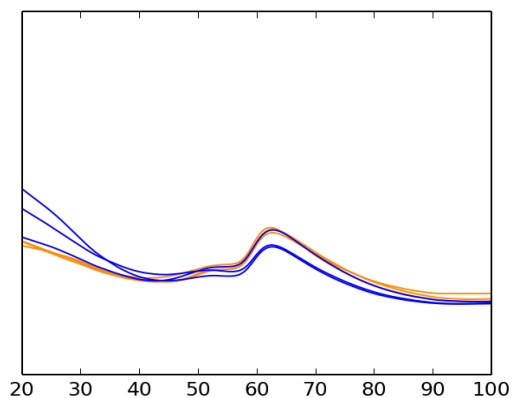
$T_m$ s drawn in diamonds may be unreliable





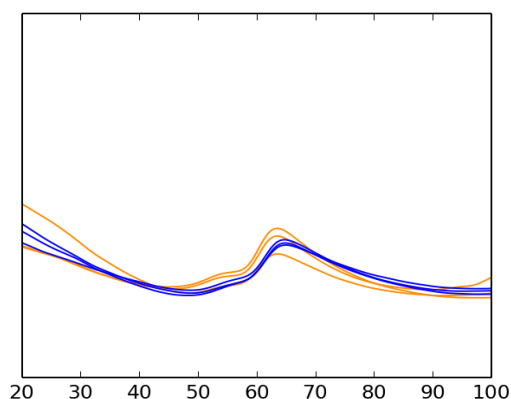
### sodium acetate - acetic acid (5.0)

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



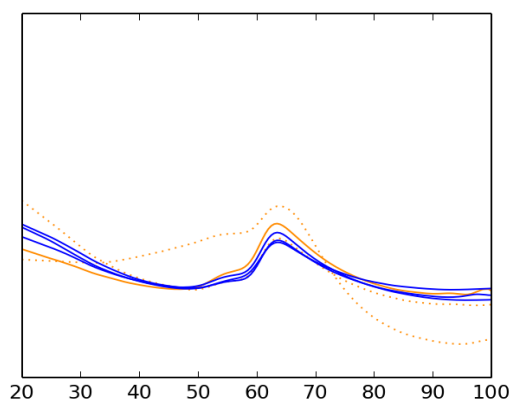
### piperazine (5.5)

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



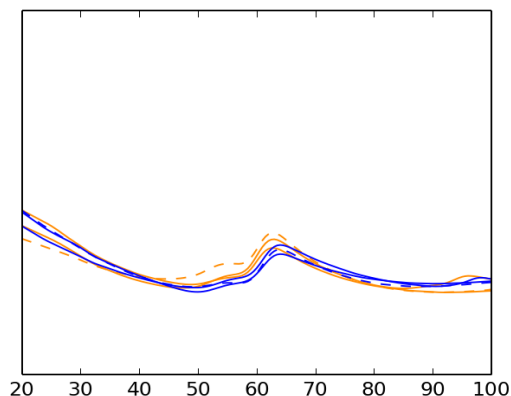
### sodium MES (6.0)

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



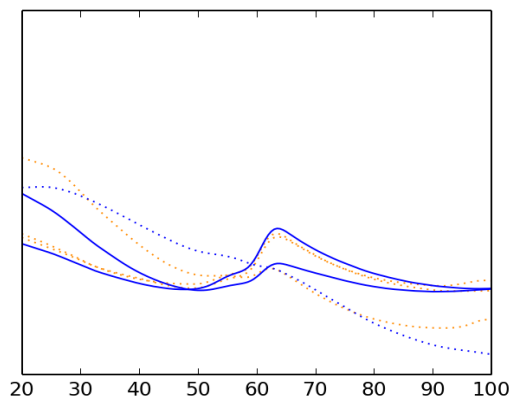
### trisodium citrate - citric acid (6.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	60.32	6.16
50mM NaCl	60.46 (+/-0.03)	6.16



### bis-tris chloride (6.5)

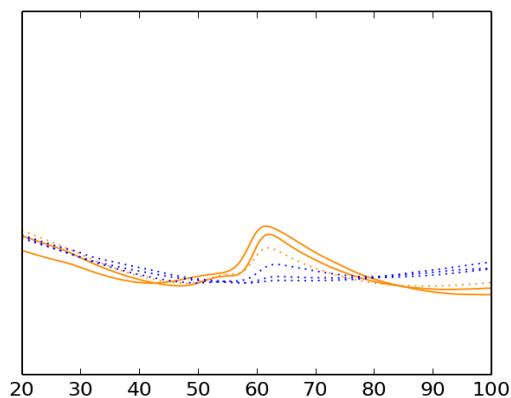
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	59.85 (+/-0.08)^	5.98
50mM NaCl	60.79 (+/-0.04)^	5.97



### ADA (6.5)

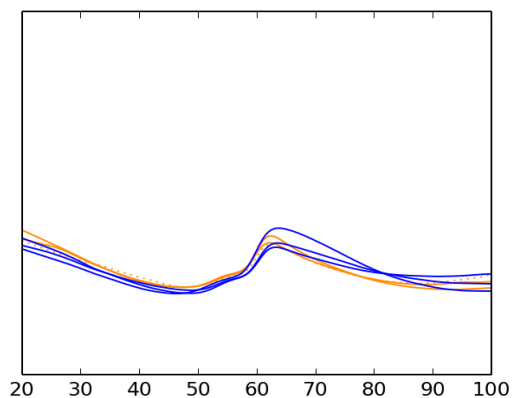
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	None	
50mM NaCl	60.56 (+/-0.07)	6.36

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



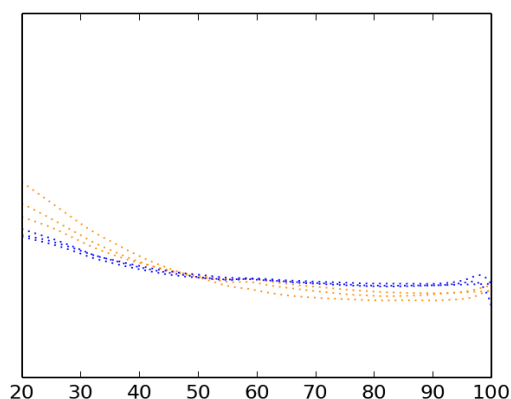
### imidazole (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	58.8 (+/-0.34)	6.34
50mM NaCl	None	



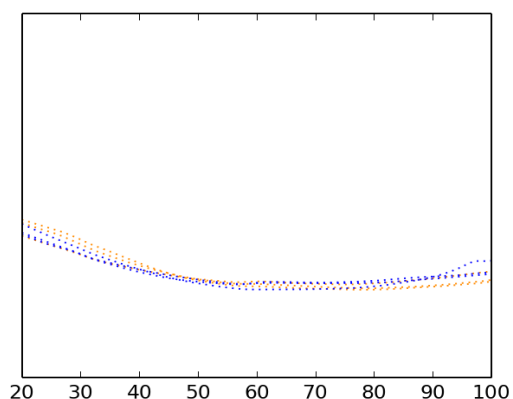
### sodium MOPS (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	59.45 (+/-0.1)	6.67
50mM NaCl	59.91 (+/-0.19)	6.67



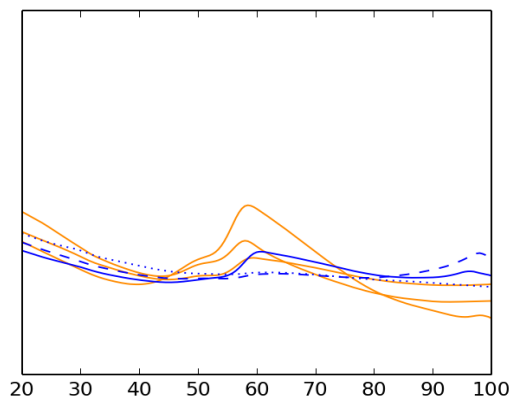
### Na2H/KH2 phosphate (7.5)

Grouped by	Tm
200mM NaCl	None
50mM NaCl	None



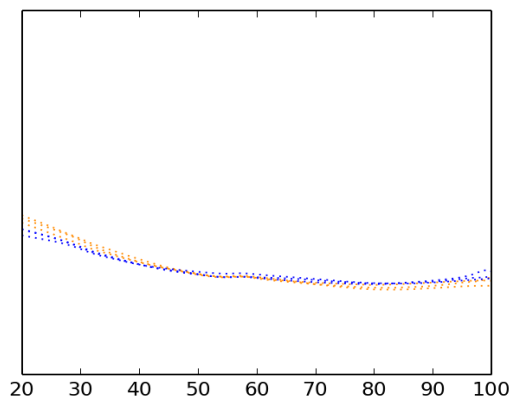
### sodium HEPES (7.5)

Grouped by	Tm
200mM NaCl	None
50mM NaCl	None



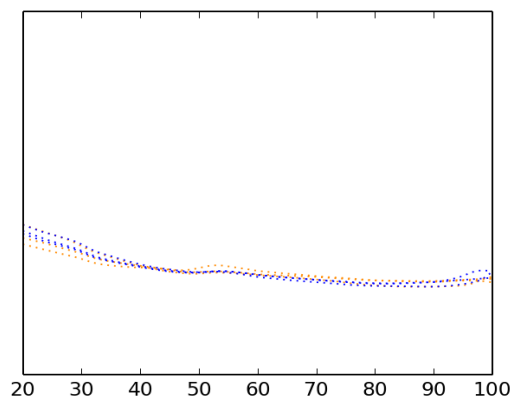
### tris chloride (8.0)

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



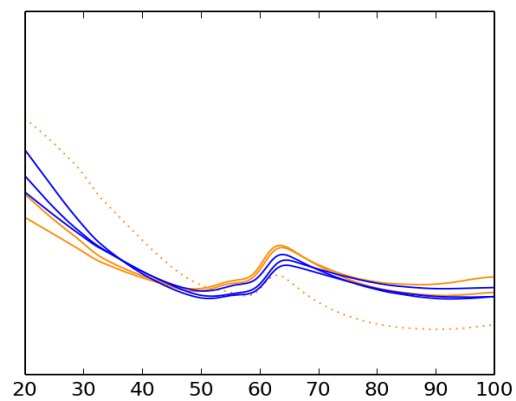
### glycyl-glycine (8.5)

Grouped by	Tm
200mM NaCl	None
50mM NaCl	None



### CHES (9.0)

Grouped by	Tm
200mM NaCl	None
50mM NaCl	None



### Salt Only ( )

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