

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**

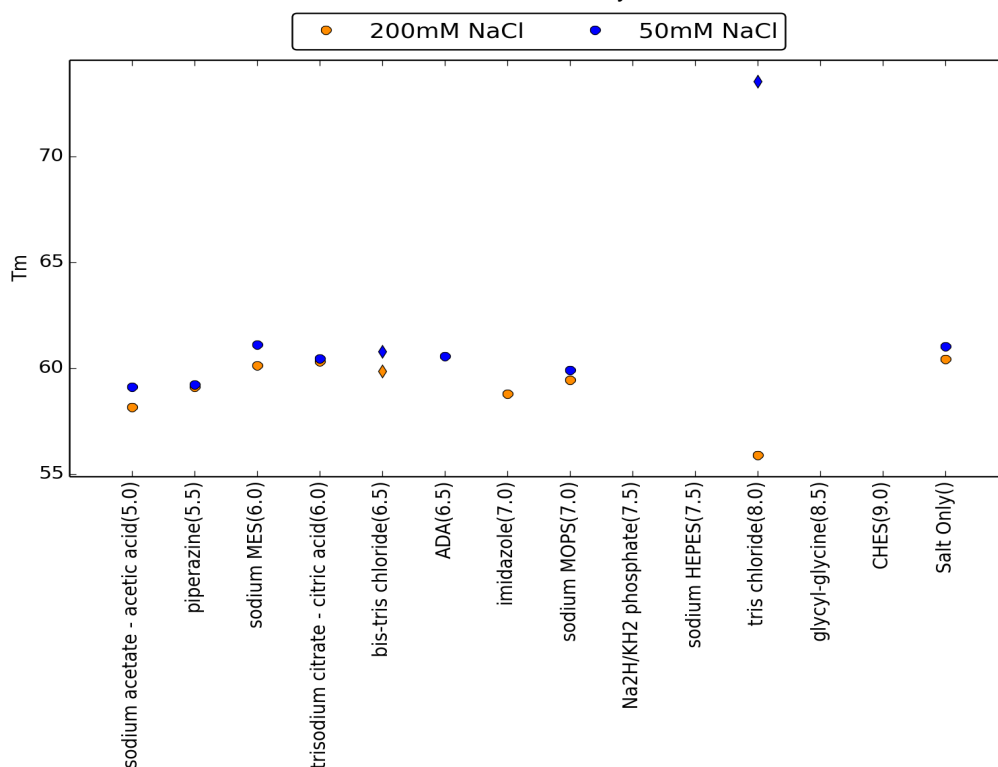
Protein as supplied: T_m = N/A

Lysozyme Control: Passed

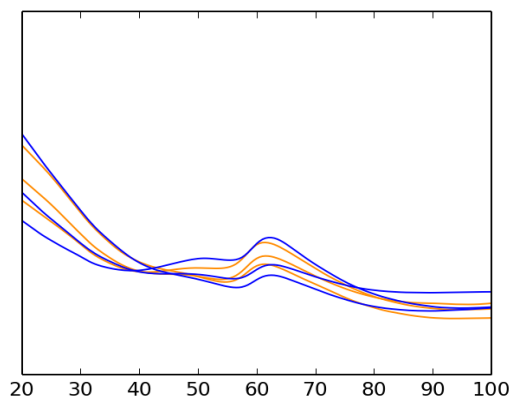
No Dye Control: Failed

No Protein Control: Failed

T_m s drawn in diamonds may be unreliable

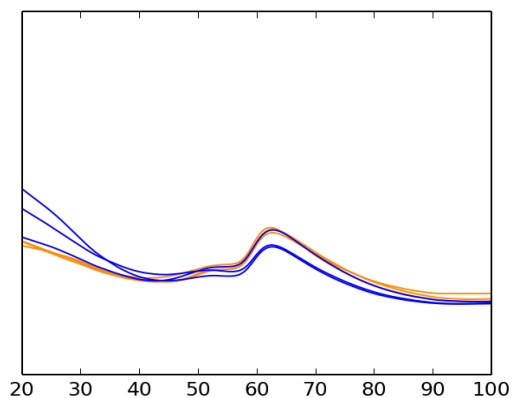


Highest T_m = 73.56 +/- 15.94
(tris chloride / 50mM NaCl)



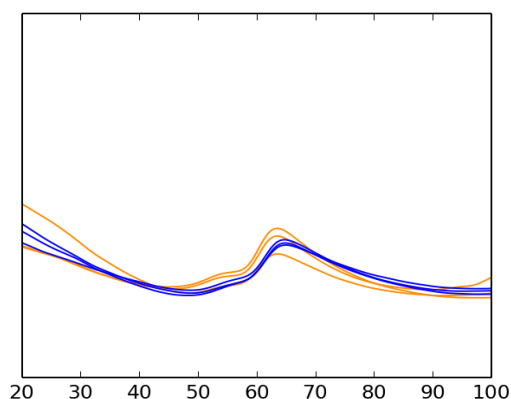
sodium acetate - acetic acid (5.0)

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



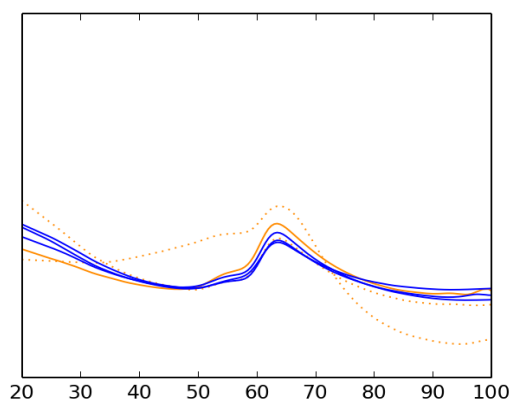
piperazine (5.5)

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



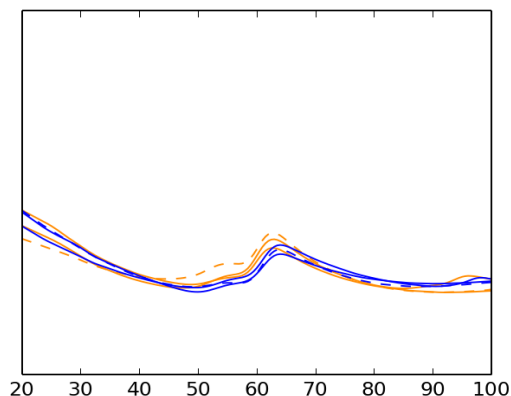
sodium MES (6.0)

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



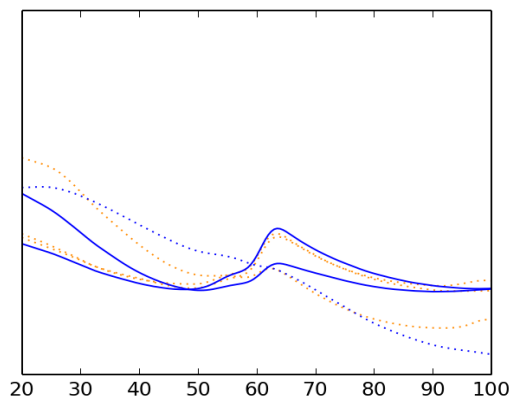
trisodium citrate - citric acid (6.0)

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



bis-tris chloride (6.5)

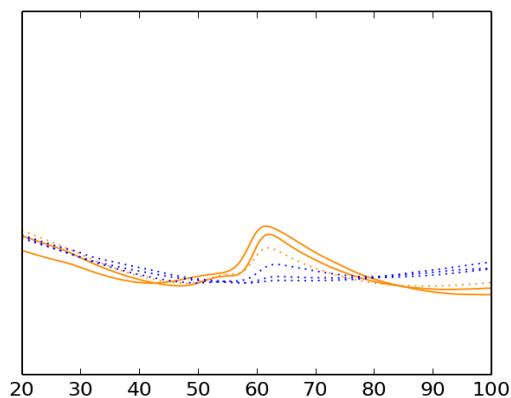
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	59.85 (+/-0.08)^	5.98
50mM NaCl	60.79 (+/-0.04)^	5.97



ADA (6.5)

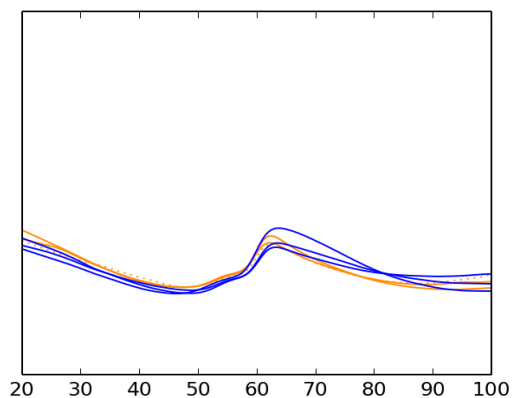
Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	None	
50mM NaCl	60.56 (+/-0.07)	6.36

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



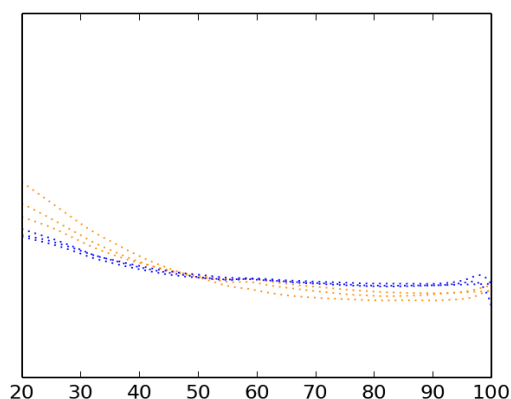
imidazole (7.0)

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



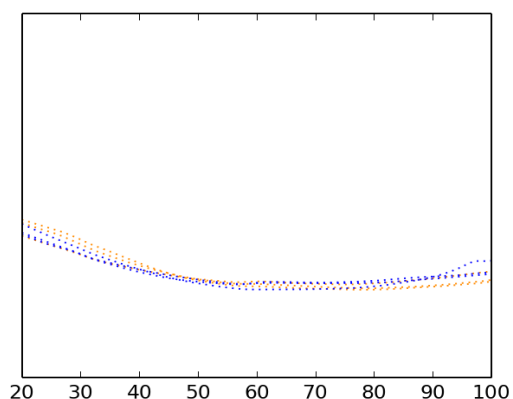
sodium MOPS (7.0)

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



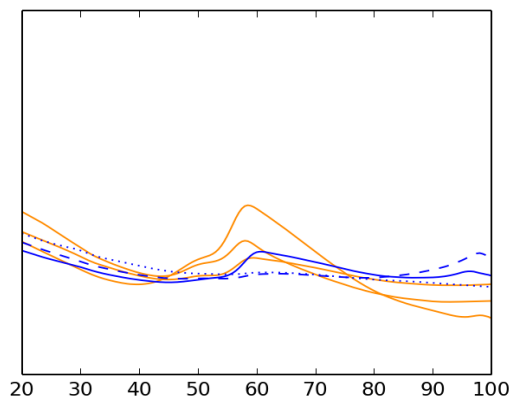
Na2H/KH2 phosphate (7.5)

Grouped by	Tm
200mM NaCl	None
50mM NaCl	None



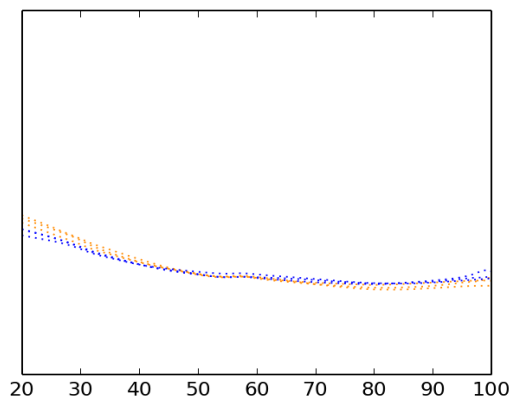
sodium HEPES (7.5)

Grouped by	Tm
200mM NaCl	None
50mM NaCl	None



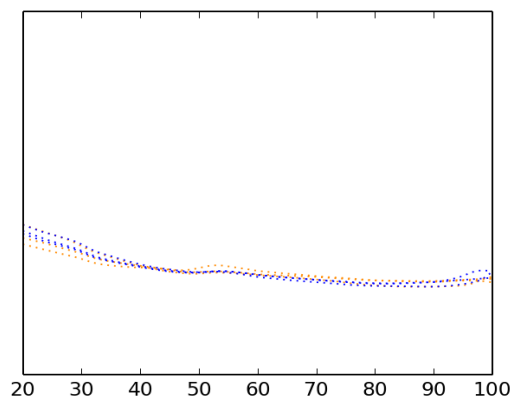
tris chloride (8.0)

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



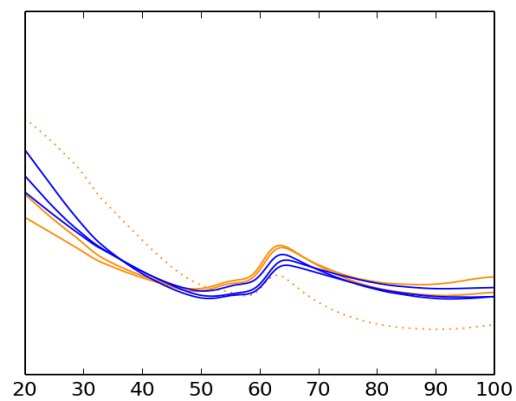
glycyl-glycine (8.5)

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)