

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

The summary graph appears to be unreliable

76% of curves were used in Tm estimations

Average estimation of error is **0.8 C**

Protein as supplied is **not well behaved**

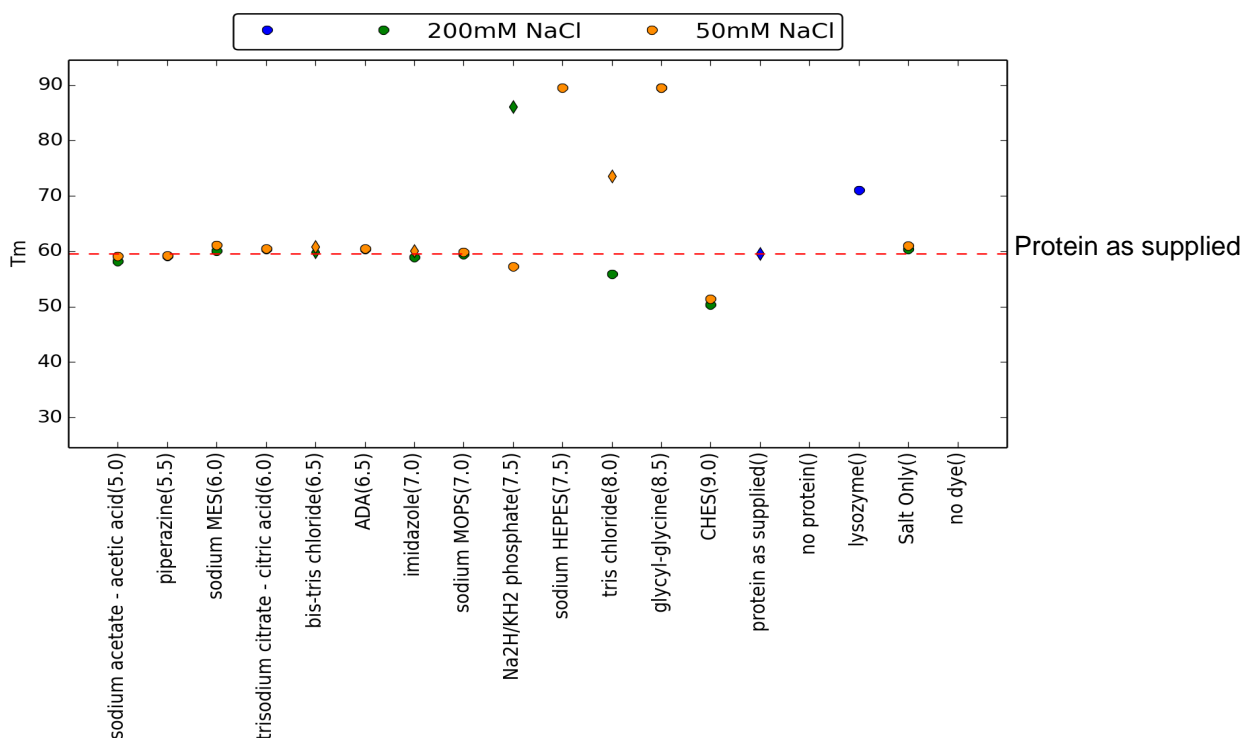
Protein as supplied: Tm = 59.55

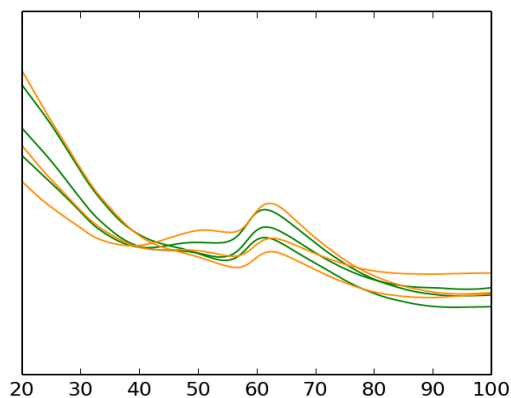
Lysozyme Control: Passed

No Dye Control: Failed

No Protein Control: Failed

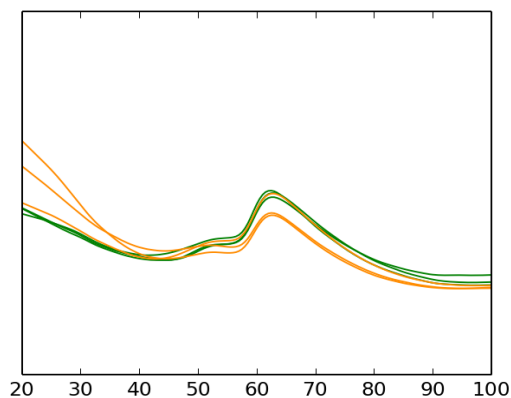
Tms drawn in diamonds may be unreliable





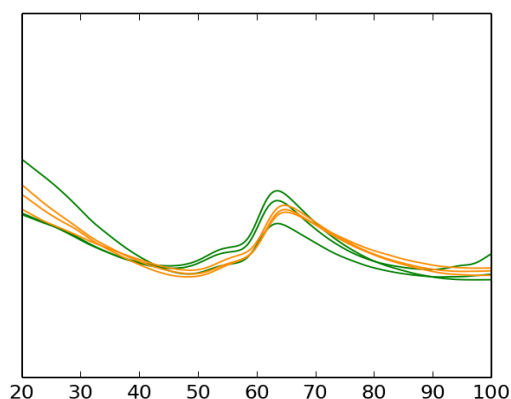
sodium acetate - acetic acid (5.0)

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



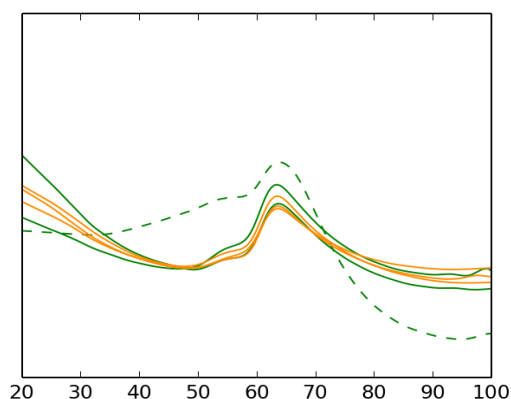
piperazine (5.5)

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



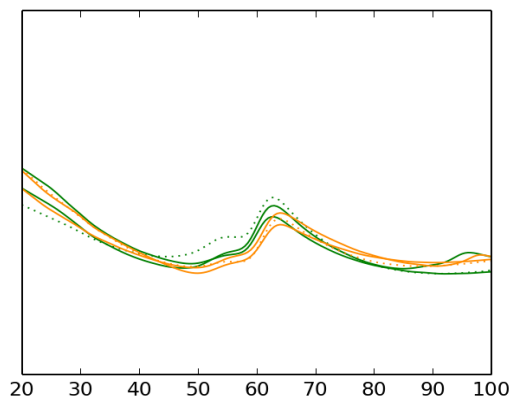
sodium MES (6.0)

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



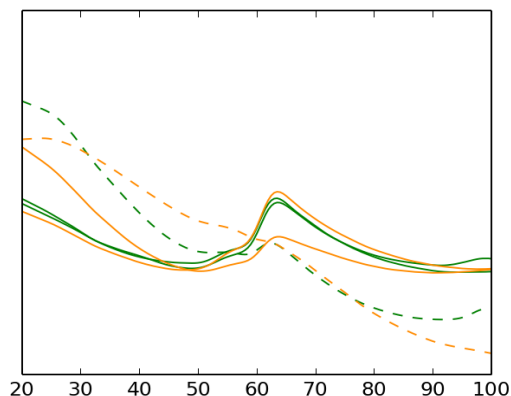
trisodium citrate - citric acid (6.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	60.38 (+/-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

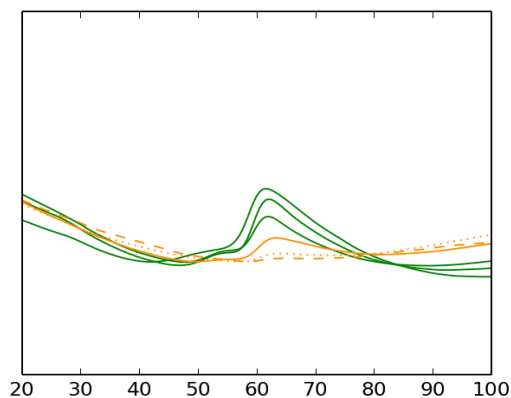


ADA (6.5)

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

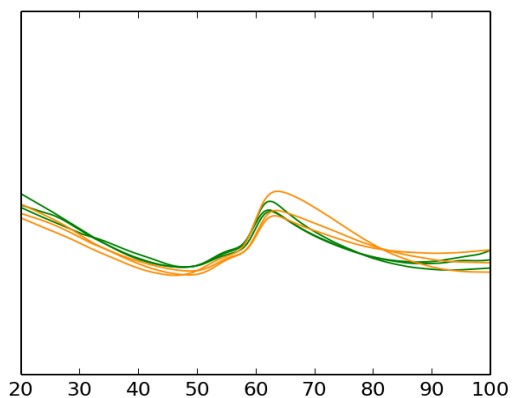
Curves drawn with dashed lines are unable to be analysed (monotonic, saturated, in the noise, and outliers) and are excluded from Tm calculations

Curves drawn with dotted lines have unreliable estimates for Tms



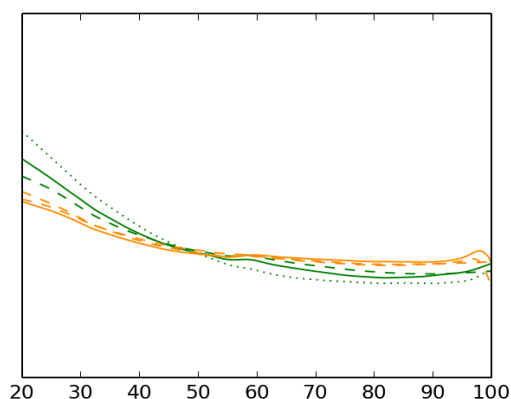
imidazole (7.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	58.94 (+/-0.34)	6.34
50mM NaCl	60.12 (+/-0.1)^	6.32



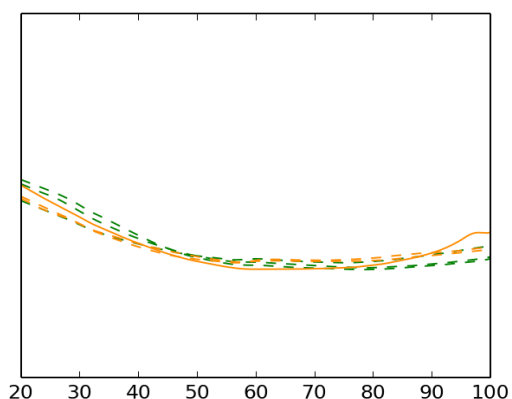
sodium MOPS (7.0)

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



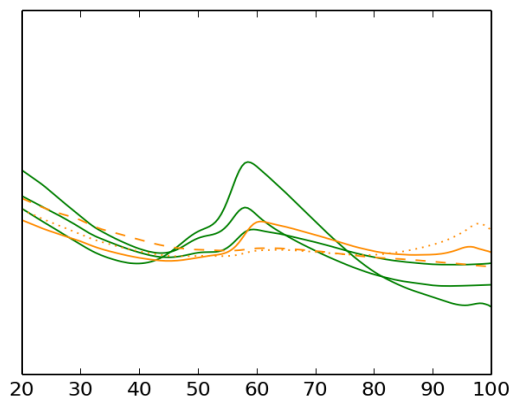
Na2H/KH2 phosphate (7.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	86.1 (+/-3.4)^	7.86
50mM NaCl	57.24	7.7



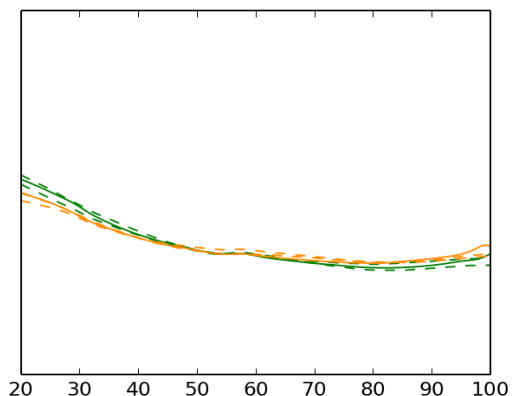
sodium HEPES (7.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	None	
50mM NaCl	89.5	7.08



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

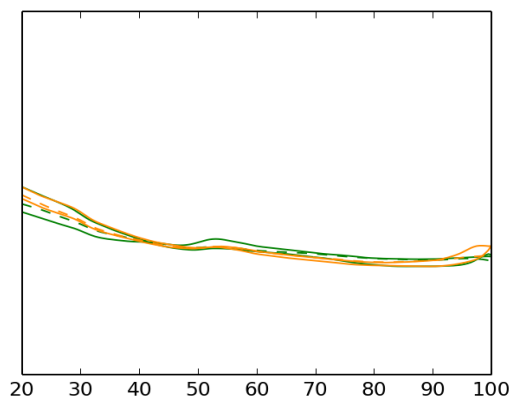


glycyl-glycine (8.5)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	89.5	7.34
50mM NaCl	89.5	7.34

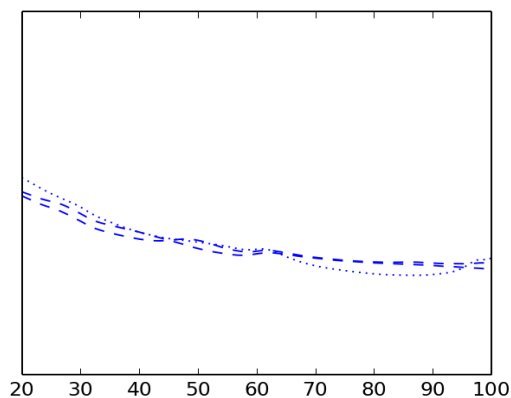
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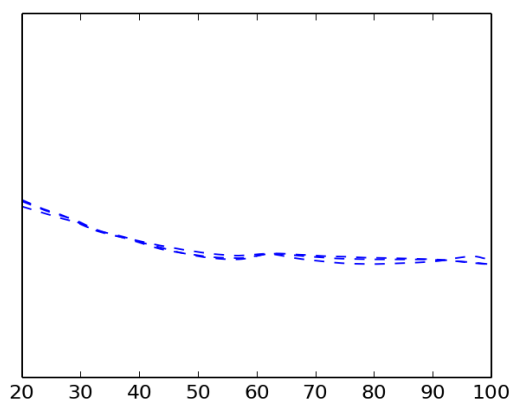
CHES (9.0)

Grouped by	Tm	Adjusted pH at Tm
200mM NaCl	50.39 (+/-0.39)	8.64
50mM NaCl	51.38 (+/-0.16)	8.62



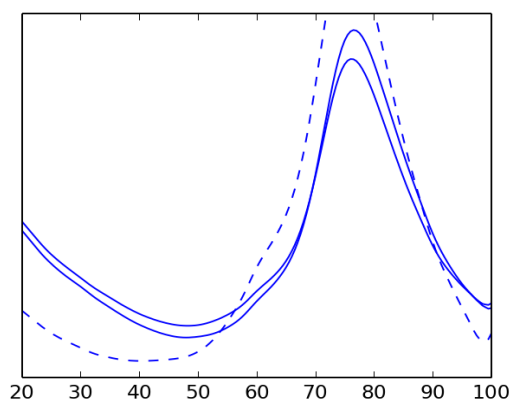
protein as supplied ()

Grouped by	Tm
	59.55^



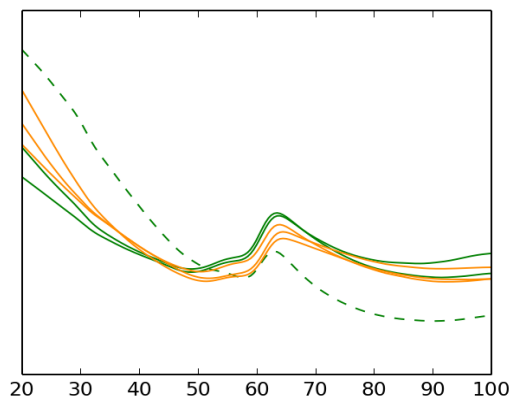
no protein ()

Grouped by	Tm
	None



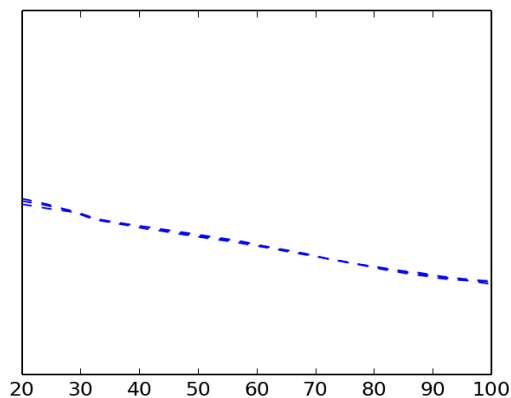
lysozyme ()

Grouped by	Tm
	71.08 (+/-0.12)



Salt Only ()

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



no dye ()

Grouped by	Tm
	None

Curves drawn with dashed lines are unable to be analysed (monotonic, saturated, in the noise, and outliers) and are excluded from Tm calculations

Curves drawn with dotted lines have unreliable estimates for Tms