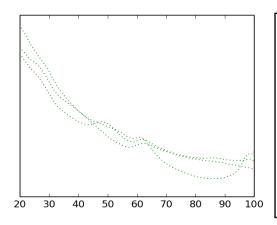
MELTDOWN v2.0.0 Melt Curve Analysis

dataSample1.txt





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 Tm estimations

Average estimation of error is 0.9 C

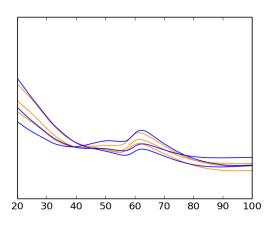
Protein as supplied is not well behaved

Protein as supplied: Tm = N/A

Lysozyme Control: Passed No Dye Control: Failed No Protein Control: Failed

Tms drawn in diamonds may be unreliable 200mM NaCl 50mM NaCl 70 은 65 60 tris chloride(8.0) CHES(9.0) sodium acetate - acetic acid(5.0) sodium MES(6.0) bis-tris chloride(6.5) glycyl-glycine(8.5) piperazine(5.5) trisodium citrate - citric acid(6.0) imidazole(7.0) sodium MOPS(7.0) Na2H/KH2 phosphate(7.5) sodium HEPES(7.5) Salt Only()

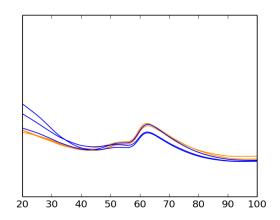
Highest Tm = 73.56 + 15.94 (tris chloride / 50mM NaCl)



sodium acetate - acetic acid (5.0)

Grouped by Tm

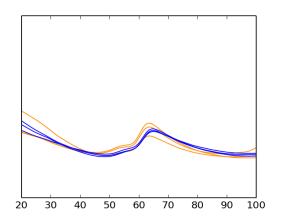
200mM NaCl 58.17 (+/-0.02) 50mM NaCl 59.12 (+/-0.14)



piperazine (5.5)

Grouped by Adjusted pH at Tm Tm

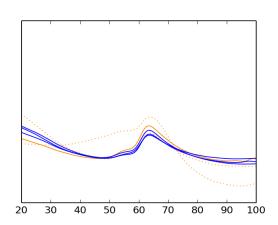
200mM NaCl 59.11 (+/-0.04) 4.79 50mM NaCl 59.21 (+/-0.07) 4.79



sodium MES (6.0)

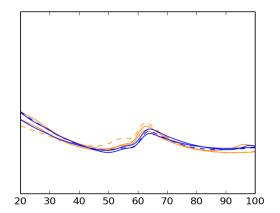
Grouped by Tm Adjusted pH at Tm 200mM NaCl 60.12 (+/-0.0) 5.69

50mM NaCl 61.11 (+/-0.02) 5.68



trisodium citrate - citric acid (6.0)

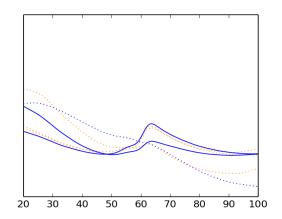
Grouped by Tm Adjusted pH at Tm 200mM NaCl 60.32 6.16 50mM NaCl 60.46 (+/-0.03) 6.16



bis-tris chloride (6.5)

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

50mM NaCl 60.79 (+/-0.04)^ 5.97



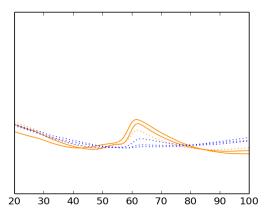
ADA (6.5)

50mM NaCl

Grouped by Tm Adjusted pH at Tm 200mM NaCl None

60.56 (+/-0.07)

6.36



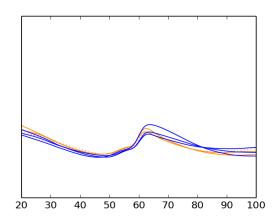
imidazole (7.0)

Grouped by Tm

50mM NaCl

200mM NaCl 58.8 (+/-0.34) 6.34 None

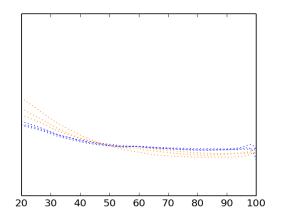
Adjusted pH at Tm



sodium MOPS (7.0)

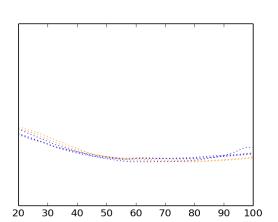
Adjusted pH at Tm Grouped by

200mM NaCl 59.45 (+/-0.1) 6.67 50mM NaCl 59.91 (+/-0.19) 6.67



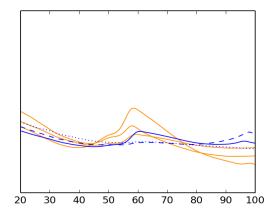
Na2H/KH2 phosphate (7.5)

Grouped by Tm 200mM NaCl None 50mM NaCl None



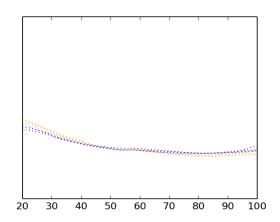
sodium HEPES (7.5)

Grouped by Tm 200mM NaCl None 50mM NaCl None



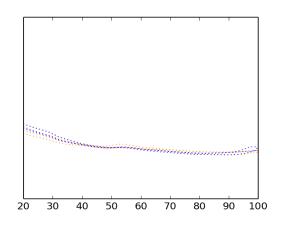
tris chloride (8.0)

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

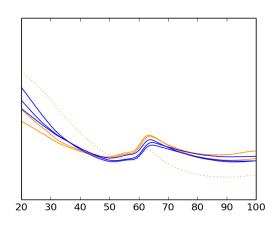


glycyl-glycine (8.5)

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)