MELTDOWN v2.3.2 Melt Curve Analysis

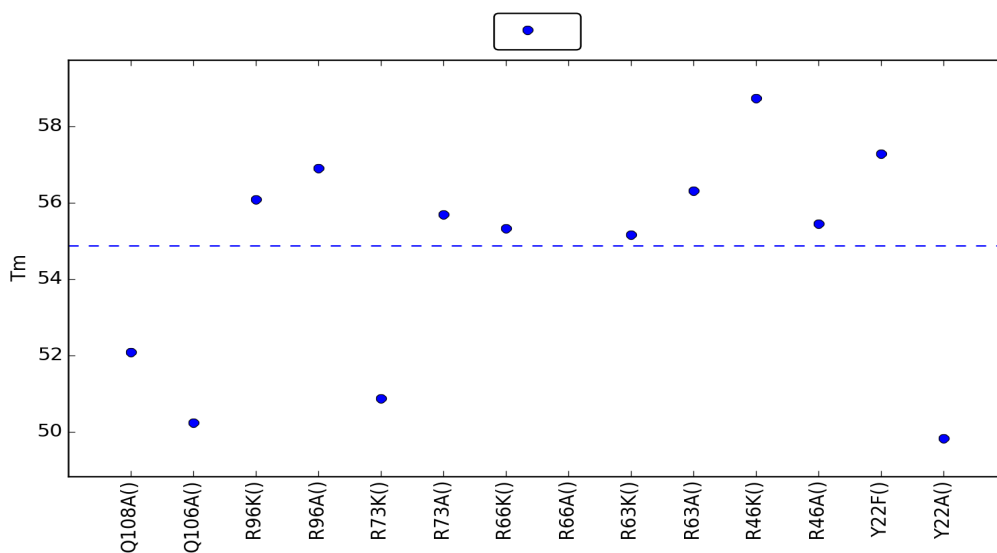## AtzH_Lygie_variants_170118 - Melt Curve ...

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

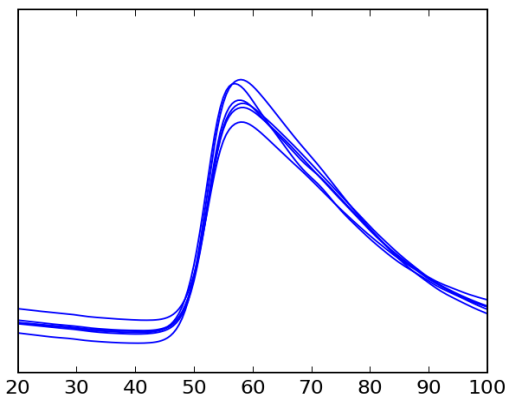Curves used in Tm estimations (ideally 100%): **85%**

Average estimation error: **0.1°C**
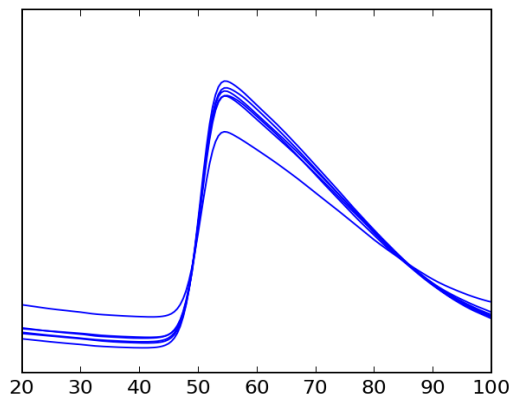
Protein as supplied:
Tm = 54.87(+/-0.05)

Lysozyme Control: Passed
No Dye Control: Not Found
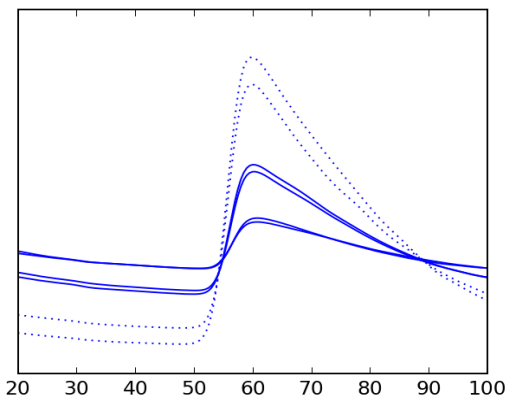No Protein Control: Not Found

Highest Tm = 58.74 +/- 0.14
(R46K /)

Sample supplied by customer, results apply to sample as received.

Q108A ()
Grouped by   Tm
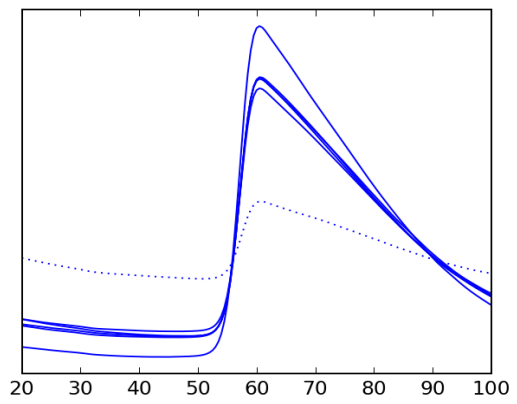   52.08 (+/-0.07)

Q106A ()
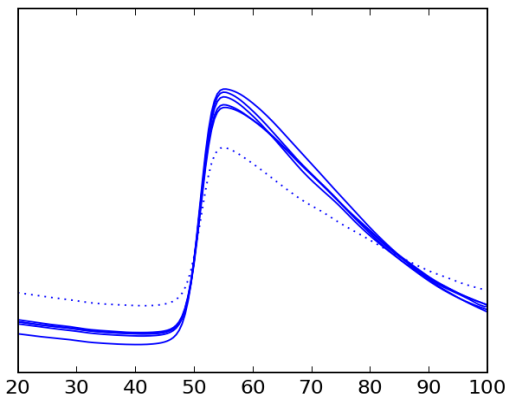Grouped by   Tm
                  50.25 (+/-0.05)

R96K ()
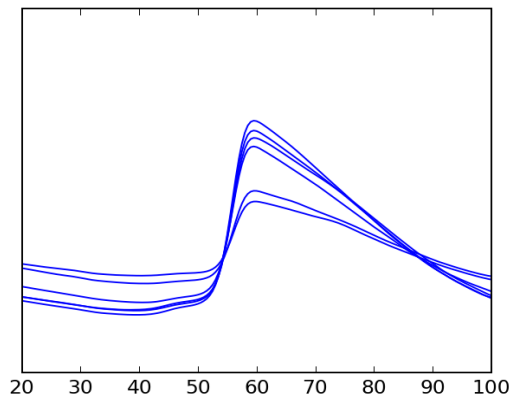Grouped by   Tm
                  56.09 (+/-0.18)

R96A ()
Grouped by   Tm
                  56.91 (+/-0.03)
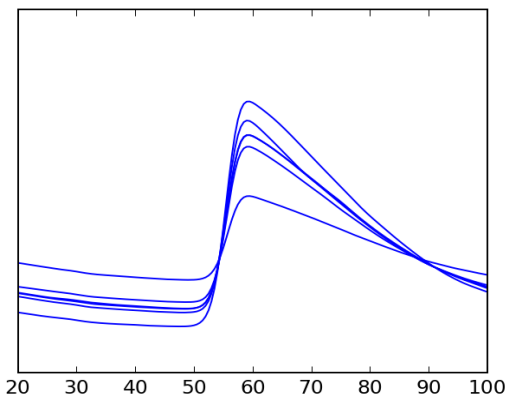
R73K ()
Grouped by   Tm
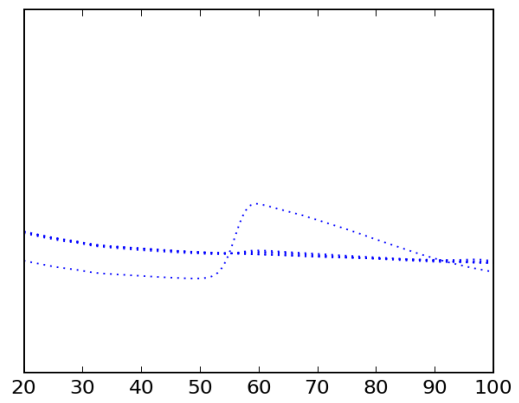   50.88 (+/-0.04)

R73A ()
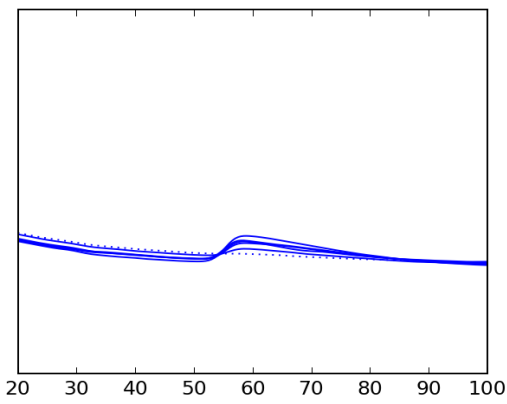Grouped by   Tm
                  55.69 (+/-0.07)

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

R66K ()
Grouped by   Tm
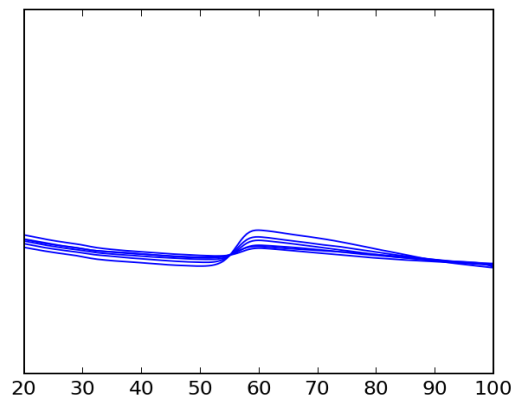   55.33 (+/-0.08)

R66A ()
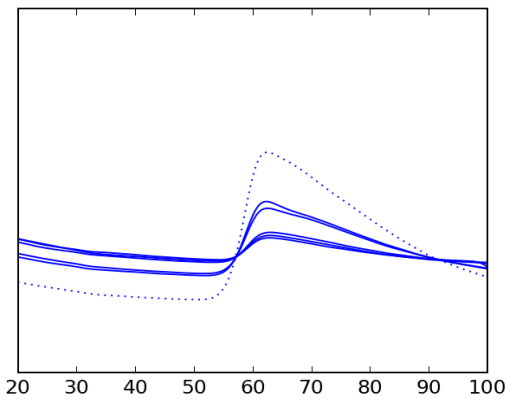Grouped by   Tm
                    None

R63K ()
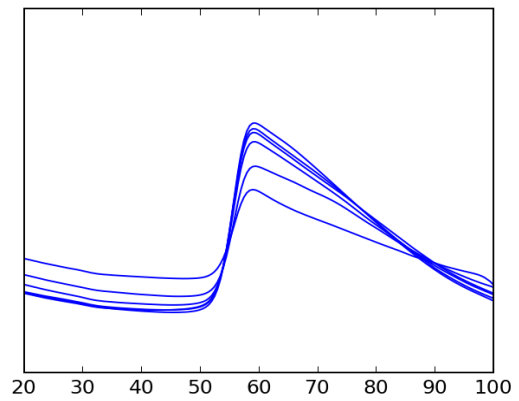Grouped by   Tm
                    55.17 (+/-0.25)

R63A ()
Grouped by   Tm
                    56.32 (+/-0.27)
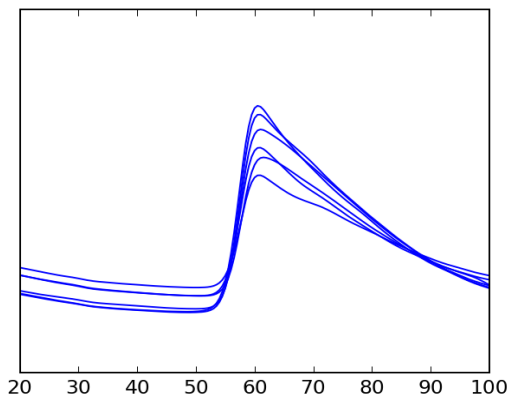

R46K ()
Grouped by   Tm
                    58.74 (+/-0.14)

R46A ()
Grouped by   Tm
                    55.45 (+/-0.03)

Monotonic, saturated, in the noise, and outlier curves are dotted, and excluded from Tm calculations
Curves drawn with dashed lines have unreliable Tm estimates
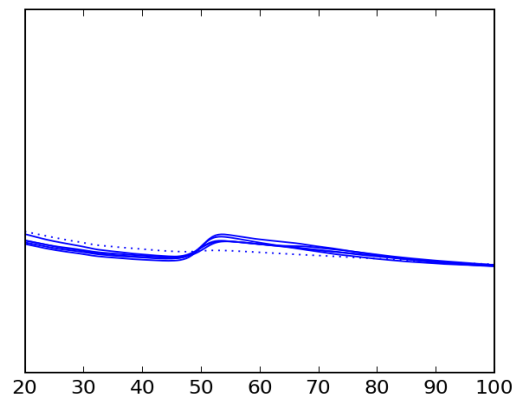
Y22F ()
Grouped by   Tm
                    57.29 (+/-0.12)

Y22A ()
Grouped by   Tm
                    49.83 (+/-0.29)

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