



PCR Standard Curve Report
PCR Base Line Subtracted Curve Fit Data

Current Date: 11-Oct-06 12:53 PM
Data generated on: 12-Sep-05 at 10:09 AM.

Optical data file name: Val 91205.odm
Plate Setup file used: 5fold4samples.psm
Protocol file used: Alison78DC.tmo

Sample volume: 20.00 ul
Hot Start? No
Well factor collection: Persistent (Experimental Plate Failed)

Comments

Protocol

Cycle 1: (1X)
Step 1: 95.0°C for 03:00

Cycle 2: (40X)
Step 1: 95.0°C for 00:10
Step 2: 65.0°C for 00:45
Step 3: 78.0°C for 00:20
Data collection enabled.

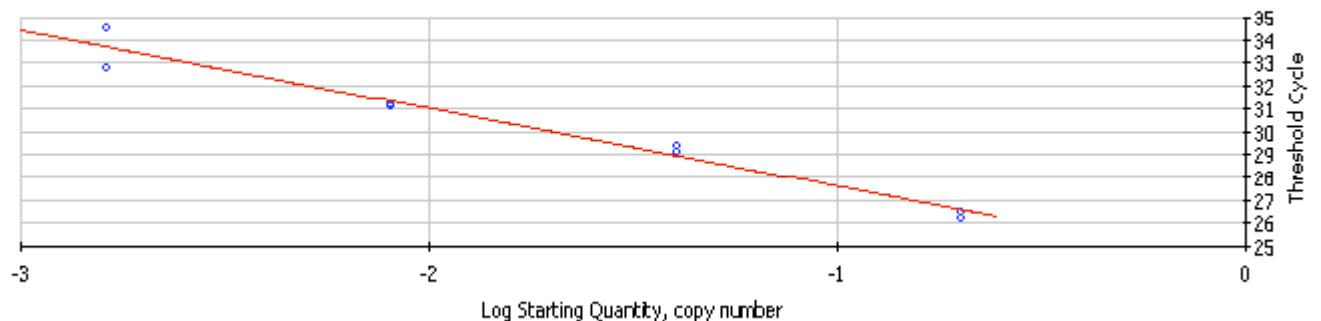
Cycle 3: (1X)
Step 1: 95.0°C for 01:00

Cycle 4: (1X)
Step 1: 55.0°C for 01:00

Cycle 5: (80X)
Step 1: 55.0°C for 00:10
Increase setpoint temperature after cycle 2 by 0.5°C
Melt curve data collection and analysis enabled.

Standard Curve Graph for SYBR-490

Correlation Coefficient: 0.984 Slope: -3.411 Intercept: 24.193 $Y = -3.411 X + 24.193$
PCR Efficiency: 96.4 %



Data Analysis Parameters

Calculated threshold has been replaced by the user selected threshold **50.0**.
Per-well baseline cycles have been determined automatically.

Data analysis window is set at **95.00%** of a cycle, centered at **end** of the cycle.
Weighted Mean digital filtering has been applied. Global filtering is **off**.

Standard Curve Spreadsheet Data for SYBR-490 Units: copy number

Type	Identifier	Rep	Ct	Log SQ	SQ	SQ Mean	SQ SD	Ct Mean	Ct SD	Se Po
A03	Standard	2	26.53	(0.699)	2.00E-01	2.00E-01	2.58E-09	26.40	1.86E-01	
A04	Standard	2	26.27	(0.699)	2.00E-01	2.00E-01	2.58E-09	26.40	1.86E-01	
A05	Standard	3	29.17	(1.398)	4.00E-02	4.00E-02	1.42E-10	29.29	1.80E-01	
A06	Standard	3	29.42	(1.398)	4.00E-02	4.00E-02	1.42E-10	29.29	1.80E-01	
A07	Standard	4	31.18	(2.097)	8.00E-03	8.00E-03	1.05E-10	31.20	3.83E-02	
A08	Standard	4	31.23	(2.097)	8.00E-03	8.00E-03	1.05E-10	31.20	3.83E-02	
A09	Standard	5	32.86	(2.796)	1.60E-03	1.60E-03	1.96E-11	33.71	1.20E+00	
A10	Standard	5	34.56	(2.796)	1.60E-03	1.60E-03	1.96E-11	33.71	1.20E+00	

Wells Excluded from Analysis

A total of 86 well(s) have been excluded from analysis.

A01: <no identifier>	A02: <no identifier>	B01: <no identifier>
B02: <no identifier>	B03: <no identifier>	B04: <no identifier>
B05: <no identifier>	B06: <no identifier>	B07: <no identifier>
B08: <no identifier>	B09: <no identifier>	B10: <no identifier>
B11: <no identifier>	B12: <no identifier>	C01: <no identifier>
C02: <no identifier>	C03: <no identifier>	C04: <no identifier>
C05: <no identifier>	C06: <no identifier>	C07: <no identifier>
C08: <no identifier>	C09: <no identifier>	C10: <no identifier>
C11: <no identifier>	C12: <no identifier>	D01: <no identifier>
D02: <no identifier>	D03: <no identifier>	D04: <no identifier>
D05: <no identifier>	D06: <no identifier>	D07: <no identifier>
D08: <no identifier>	D09: <no identifier>	D10: <no identifier>
D11: <no identifier>	D12: <no identifier>	E01: <no identifier>
E02: <no identifier>	E03: <no identifier>	E04: <no identifier>
E05: <no identifier>	E06: <no identifier>	E07: <no identifier>
E08: <no identifier>	E09: <no identifier>	E10: <no identifier>
E11: <no identifier>	E12: <no identifier>	F01: <no identifier>
F02: <no identifier>	F03: <no identifier>	F04: <no identifier>
F05: <no identifier>	F06: <no identifier>	F07: <no identifier>
F08: <no identifier>	F09: <no identifier>	F10: <no identifier>
F11: <no identifier>	F12: <no identifier>	G01: <no identifier>
G02: <no identifier>	G03: <no identifier>	G04: <no identifier>
G05: <no identifier>	G06: <no identifier>	G07: <no identifier>
G08: <no identifier>	G09: <no identifier>	G10: <no identifier>
G11: <no identifier>	G12: <no identifier>	H01: <no identifier>
H02: <no identifier>	H03: <no identifier>	H04: <no identifier>
H05: <no identifier>	H06: <no identifier>	H07: <no identifier>
H08: <no identifier>	H09: <no identifier>	H10: <no identifier>
H11: <no identifier>	H12: <no identifier>	

Modified Well Contents

Units have not been modified. Original units were copy number.
 No wells have been modified.