



PCR Standard Curve Report
PCR Base Line Subtracted Curve Fit Data

Current Date: 11-Oct-06 12:51 PM
Data generated on: 08-Apr-05 at 11:08 AM.

Optical data file name: Karla8.odm
Plate Setup file used: 5-foldDilx8primers.psm
Protocol file used: Alison78DC.tmo

Sample volume: 20.00 ul
Hot Start? No
Well factor collection: Experimental Plate

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.

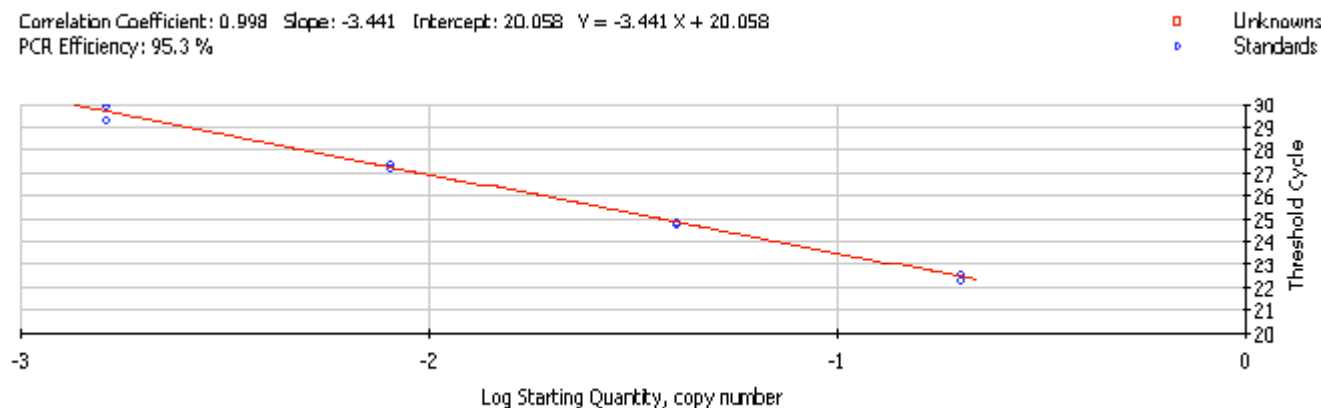
Cycle 3: (1X)
Step 1: 95.0°C for 01:00

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: 0.998 Slope: -3.441 Intercept: 20.058 $Y = -3.441 X + 20.058$
PCR Efficiency: 95.3 %



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Calculated threshold has been replaced by the user selected threshold **50.0**.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
B03	Standard 2	7	22.61	(0.699)	2.00E-01	2.00E-01	2.58E-09	22.46	1.99E-01	
B04	Standard 2	7	22.32	(0.699)	2.00E-01	2.00E-01	2.58E-09	22.46	1.99E-01	
B05	Standard 2	8	24.80	(1.398)	4.00E-02	4.00E-02	1.42E-10	24.82	1.88E-02	
B06	Standard 2	8	24.83	(1.398)	4.00E-02	4.00E-02	1.42E-10	24.82	1.88E-02	
B07	Standard 2	9	27.30	(2.097)	8.00E-03	8.00E-03	1.05E-10	27.37	1.02E-01	
B08	Standard 2	9	27.44	(2.097)	8.00E-03	8.00E-03	1.05E-10	27.37	1.02E-01	
B09	Standard 2	10	29.92	(2.796)	1.60E-03	1.60E-03	1.96E-11	29.63	4.11E-01	
B10	Standard 2	10	29.34	(2.796)	1.60E-03	1.60E-03	1.96E-11	29.63	4.11E-01	

Wells Excluded from Analysis

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

A01: 1	A02: 1	A03: 1
A04: 1	A05: 1	A06: 1
A07: 1	A08: 1	A09: 1
A10: 1	A11: 1	A12: 1
B01: 2	B02: 2	C01: 3
C02: 3	C03: 3	C04: 3
C05: 3	C06: 3	C07: 3
C08: 3	C09: 3	C10: 3
C11: 3	C12: 3	D01: 4
D02: 4	D03: 4	D04: 4
D05: 4	D06: 4	D07: 4
D08: 4	D09: 4	D10: 4
D11: 4	D12: 4	E01: 5
E02: 5	E03: 5	E04: 5
E05: 5	E06: 5	E07: 5
E08: 5	E09: 5	E10: 5
E11: 5	E12: 5	F01: 6
F02: 6	F03: 6	F04: 6
F05: 6	F06: 6	F07: 6
F08: 6	F09: 6	F10: 6
F11: 6	F12: 6	G01: 7
G02: 7	G03: 7	G04: 7
G05: 7	G06: 7	G07: 7
G08: 7	G09: 7	G10: 7
G11: 7	G12: 7	H01: 8
H02: 8	H03: 8	H04: 8
H05: 8	H06: 8	H07: 8
H08: 8	H09: 8	H10: 8
H11: 8	H12: 8	

Modified Well Contents

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