



PCR Standard Curve Report
PCR Base Line Subtracted Data

Current Date: 30-Mar-07 05:01 PM
Data generated on: 10-Apr-06 at 05:23 PM.

Optical data file name: STRM08a-MGTM62b 10-Apr-06.opd
Plate Setup file used: 8Primers.pts
Protocol file used: Kyle.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 00:30

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 and real-time analysis enabled.

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

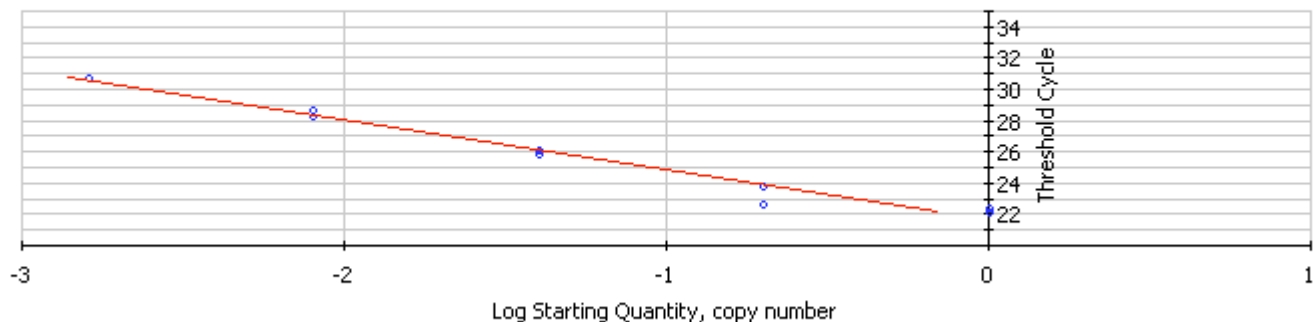
Cycle 4: (1X)
Step 1: 55.0°C for 01:00

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: 0.987 Slope: -3.169 Intercept: 21.743 $Y = -3.169 X + 21.743$
PCR Efficiency: 106.8 %

□ Unknowns
○ Standards



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Calculated threshold has been replaced by the user selected threshold **50.0**.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
G01	Standard	1	22.42	0.000	1.00E+00	1.00E+00	0.00E+00	22.33	1.30E-01	
G02	Standard	1	22.24	0.000	1.00E+00	1.00E+00	0.00E+00	22.33	1.30E-01	
G03	Standard	2	22.69	(0.699)	2.00E-01	2.00E-01	2.58E-09	23.25	7.93E-01	
G04	Standard	2	23.82	(0.699)	2.00E-01	2.00E-01	2.58E-09	23.25	7.93E-01	
G05	Standard	3	26.10	(1.398)	4.00E-02	4.00E-02	1.42E-10	25.99	1.50E-01	
G06	Standard	3	25.89	(1.398)	4.00E-02	4.00E-02	1.42E-10	25.99	1.50E-01	
G07	Standard	4	28.70	(2.097)	8.00E-03	8.00E-03	1.05E-10	28.51	2.65E-01	
G08	Standard	4	28.33	(2.097)	8.00E-03	8.00E-03	1.05E-10	28.51	2.65E-01	
G09	Standard	5	30.79	(2.796)	1.60E-03	1.60E-03	1.96E-11	30.78	1.55E-02	
G10	Standard	5	30.77	(2.796)	1.60E-03	1.60E-03	1.96E-11	30.78	1.55E-02	

Wells Excluded from Analysis

A total of 85 well(s) have been excluded from analysis.

A01: <no identifier>	A02: <no identifier>	A03: <no identifier>
A04: <no identifier>	A05: <no identifier>	A06: <no identifier>
A07: <no identifier>	A08: <no identifier>	A09: <no identifier>
A10: <no identifier>	A11: <no identifier>	A12: <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>
G11: <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.

