



PCR Standard Curve Report
PCR Base Line Subtracted Data

Current Date: **02-Oct-06 04:06 PM**
Data generated on: **02-Mar-05 at 04:36 PM.**

Optical data file name: **Christina22.odm**
Plate Setup file used: **5pt5fold7s.psm**
Protocol file used: **Alison78DC.tmo**

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

Comments

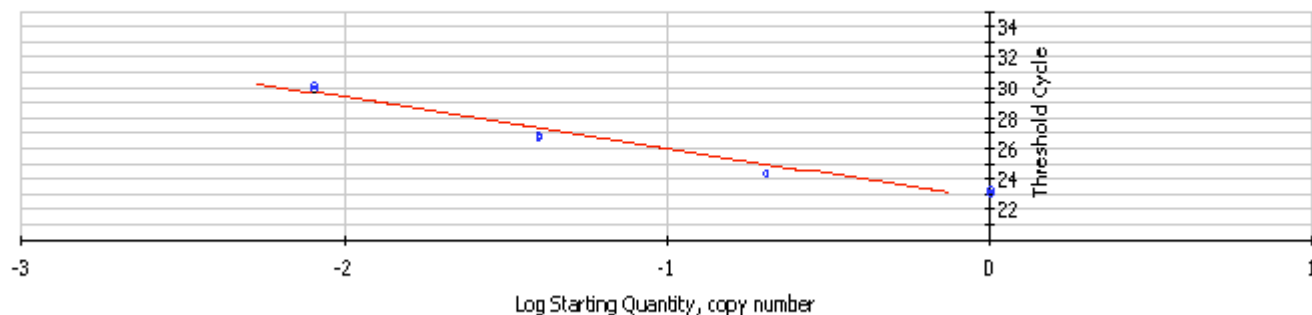
Protocol

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: 0.981 Slope: -3.347 Intercept: 22.621 $Y = -3.347 X + 22.621$
PCR Efficiency: 99.0 %

□ 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Calculated threshold has been replaced by the user selected threshold **50.0**.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
F01	Standard	1	23.28	0.000	1.00E+00	1.00E+00	0.00E+00	23.16	1.73E-01	
F02	Standard	1	23.04	0.000	1.00E+00	1.00E+00	0.00E+00	23.16	1.73E-01	
F03	Standard	2	24.39	(0.699)	2.00E-01	2.00E-01	2.58E-09	24.37	3.60E-02	
F04	Standard	2	24.34	(0.699)	2.00E-01	2.00E-01	2.58E-09	24.37	3.60E-02	
F05	Standard	3	26.93	(1.398)	4.00E-02	4.00E-02	1.42E-10	26.87	8.37E-02	
F06	Standard	3	26.81	(1.398)	4.00E-02	4.00E-02	1.42E-10	26.87	8.37E-02	
F07	Standard	4	30.03	(2.097)	8.00E-03	8.00E-03	1.05E-10	30.12	1.36E-01	
F08	Standard	4	30.22	(2.097)	8.00E-03	8.00E-03	1.05E-10	30.12	1.36E-01	

Wells Excluded from Analysis

A total of 76 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>
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>		

Modified Well Contents

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