MyiQ™ BIO-RAD

**PCR Standard Curve Report**
**PCR Base Line Subtracted Data**

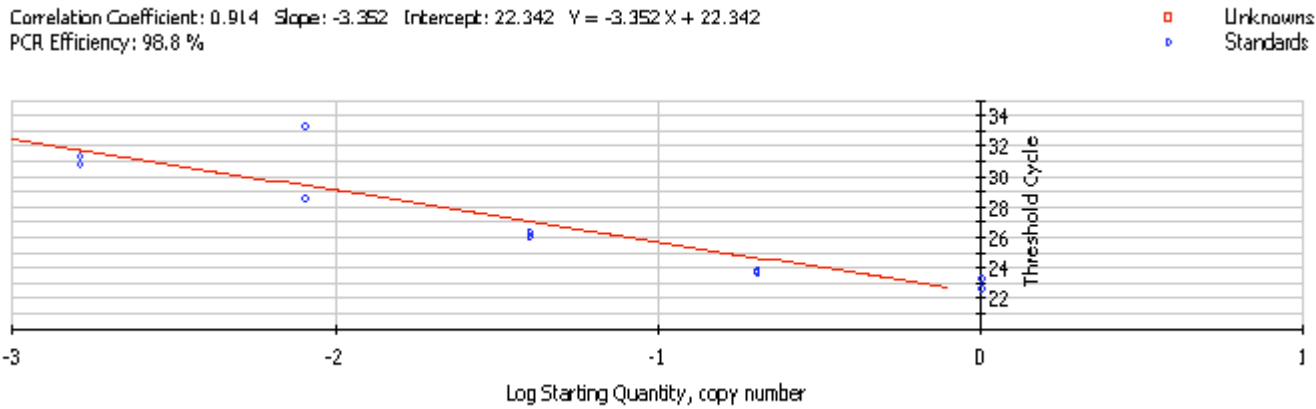
| | |
|---|---|
| Current Date: | **11-Oct-06 12:47 PM** |
| Data generated on: | **19-Aug-05 at 02:23 PM**. |
| Optical data file name: | **val 81905 #5.odm** |
| Plate Setup file used: | **6pt5fold8s_crs.psm** |
| Protocol file used: | **Alison78DC.tmo** |
| Sample volume: | **20.00 ul** |
| Hot Start? | **No** |
| Well factor collection: | **Experimental Plate** |

**Comments**

**Protocol**

| | | | |
|---|---|---|---|
| **Cycle 1:** | **( 1X)** | | |
| | **Step 1:** | **95.0ºC** | **for 03:00** |
| **Cycle 2:** | **( 40X)** | | |
| | **Step 1:** | **95.0ºC** | **for 00:10** |
| | **Step 2:** | **65.0ºC** | **for 00:45** |
| | **Step 3:** | **78.0ºC** | **for 00:20** |
| | **Data collection enabled.** | | |
| **Cycle 3:** | **( 1X)** | | |
| | **Step 1:** | **95.0ºC** | **for 01:00** |
| **Cycle 4:** | **( 1X)** | | |
| | **Step 1:** | **55.0ºC** | **for 01:00** |
| **Cycle 5:** | **( 80X)** | | |
| | **Step 1:** | **55.0ºC** | **for 00:10** |
| | **Increase setpoint temperature after cycle 2 by 0.5ºC** | | |
| | **Melt curve data collection and analysis enabled.** | | |

**Standard Curve Graph for SYBR-490**




**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Calculated threshold has been replaced by the user selected threshold **50.0**.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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **B01** | Standard | | 1 | 23.35 | 0.000 | 1.00E+00 | 1.00E+00 | 0.00E+00 | 23.02 | 4.74E-01 | |
| **B02** | Standard | | 1 | 22.68 | 0.000 | 1.00E+00 | 1.00E+00 | 0.00E+00 | 23.02 | 4.74E-01 | |
| **B03** | Standard | | 2 | 23.82 | (0.699) | 2.00E-01 | 2.00E-01 | 2.58E-09 | 23.77 | 6.36E-02 | |
| **B04** | Standard | | 2 | 23.73 | (0.699) | 2.00E-01 | 2.00E-01 | 2.58E-09 | 23.77 | 6.36E-02 | |
| **B05** | Standard | | 3 | 26.39 | (1.398) | 4.00E-02 | 4.00E-02 | 1.42E-10 | 26.25 | 2.04E-01 | |
| **B06** | Standard | | 3 | 26.10 | (1.398) | 4.00E-02 | 4.00E-02 | 1.42E-10 | 26.25 | 2.04E-01 | |
| **B07** | Standard | | 4 | 33.39 | (2.097) | 8.00E-03 | 8.00E-03 | 1.05E-10 | 30.98 | 3.41E+00 | |
| **B08** | Standard | | 4 | 28.57 | (2.097) | 8.00E-03 | 8.00E-03 | 1.05E-10 | 30.98 | 3.41E+00 | |
| **B09** | Standard | | 5 | 31.36 | (2.796) | 1.60E-03 | 1.60E-03 | 1.96E-11 | 31.13 | 3.35E-01 | |
| **B10** | Standard | | 5 | 30.89 | (2.796) | 1.60E-03 | 1.60E-03 | 1.96E-11 | 31.13 | 3.35E-01 | |

**Wells Excluded from Analysis**

A total of 84 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>** |
| **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.