PCR Standard Curve Report
PCR Base Line Subtracted Data

Current Date: 30-Mar-07 04:54 PM
Data generated on: 21-Mar-05 at 11:49 AM.

Optical data file name: Karla2.opd
Plate Setup file used: 5foldDilx8pirimers.pts
Protocol file used: 78datacoll.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 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 FAM-490

Correlation Coefficient: 0.998  Slope: -3.090  Intercept: 20.562  Y = -3.090 X + 20.562
PCR Efficiency: 110.7 %

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Calculated threshold has been replaced by the user selected threshold 50.0.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 FAM-490**  Units: copy number

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<tr>
<th>Type</th>
<th>Identifier</th>
<th>Rep</th>
<th>Ct</th>
<th>Log SQ</th>
<th>SQ Mean</th>
<th>SQ SD</th>
<th>Ct Mean</th>
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</table>

**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  B03: 2  B04: 2  B05: 2  B06: 2  B07: 2  B08: 2  B09: 2  B10: 2  B11: 2  B12: 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  D02: 4  D03: 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.