



PCR Quantification Detailed Report
PCR Base Line Subtracted Curve Fit Data (FAM)
Contains All Available Data

General Data

| | |
|-------------------------------|--|
| Data File Name | Luitpold Salivary DNA FIV C 5-20-11.opd |
| Data File Path | C:\Program Files\Bio-Rad\iQ5\Users\Craig |
| Collected Data | Collected Data |
| Current Date | 5/20/2011 1:04:47 PM |
| Run Date | 5/20/2011 9:57:16 AM |
| User aborted the run | No |
| Active RMEs | Original |
| Active Well Factors | Dynamic |
| Background Readings Valid | No, data is 329 day(s) old. |
| RME Valid | Yes |
| Well Factors Valid | No, data is 699 day(s) old. |
| Plate Setup File Name | Luitpold Salivary DNA FIV C 5-20-11.pts |
| Plate Setup File Path | C:\Program Files\Bio-Rad\iQ5\Users\Craig |
| Protocol File Name | FIV-PPR.C36.tmo |
| Protocol File Path | C:\Program Files\Bio-Rad\iQ5\Users\Jesse |
| Computer name | HP30948312737 |
| Created by app | iQ5.exe (v2.0.148.60623. (OS-Microsoft Windows NT 5.1.2600.0.Service Pack 2, CLR-1.1.4322.2032, Culture-en-US).) |
| Created by user | BioRad\admin |
| Creation Date | 5/20/2011 9:57:16 AM |
| Created in Security Edition | No |
| Last Creation GUID | 8d31dce2-0a56-40e8-920a-f9161057a2bd |
| Modified by user | BioRad\admin |
| Last modified date | 5/20/2011 9:57:16 AM |
| OS Build and Service Pack | 2600 (Service Pack 2) |
| Report differs from last save | No |

Notes:

Protocol:

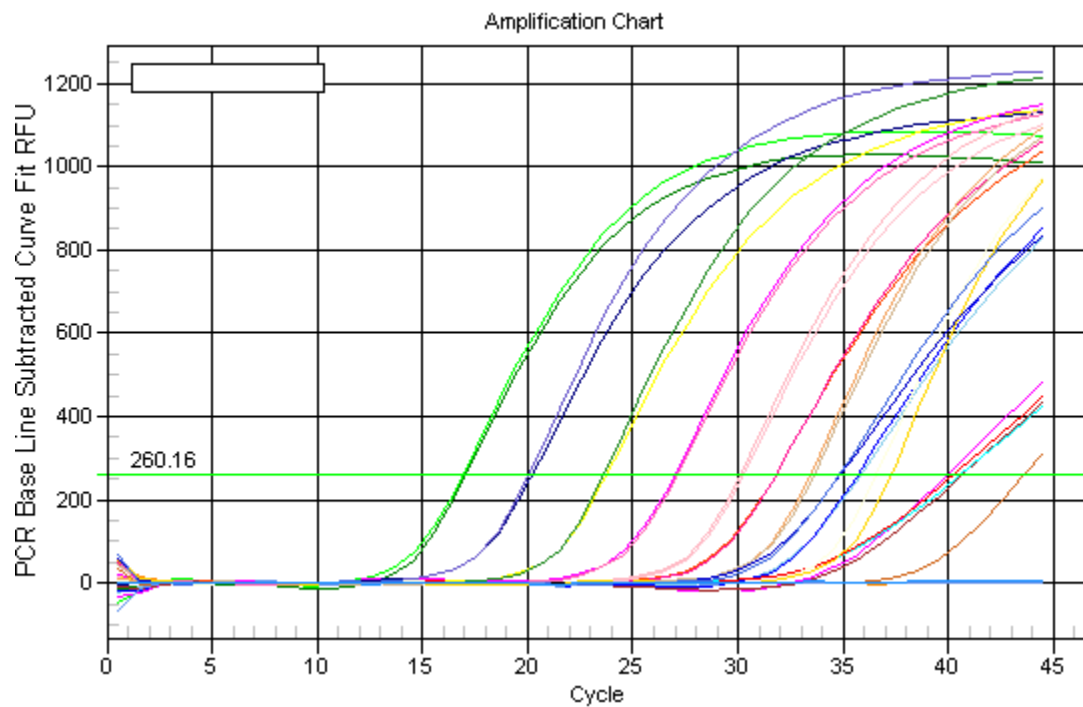
| | | |
|---|---------|------------|
| Cycle 1: (1X) | | |
| Step 1: | 55.0 °C | for 02:00. |
| Cycle 2: (1X) | | |
| Step 1: | 95.0 °C | for 08:30. |
| Cycle 3: (45X) | | |
| Step 1: | 95.0 °C | for 00:15. |
| Step 2: | 60.0 °C | for 01:00. |
| Data collection and real-time analysis enabled. | | |

Modified Protocol:

Protocol unchanged

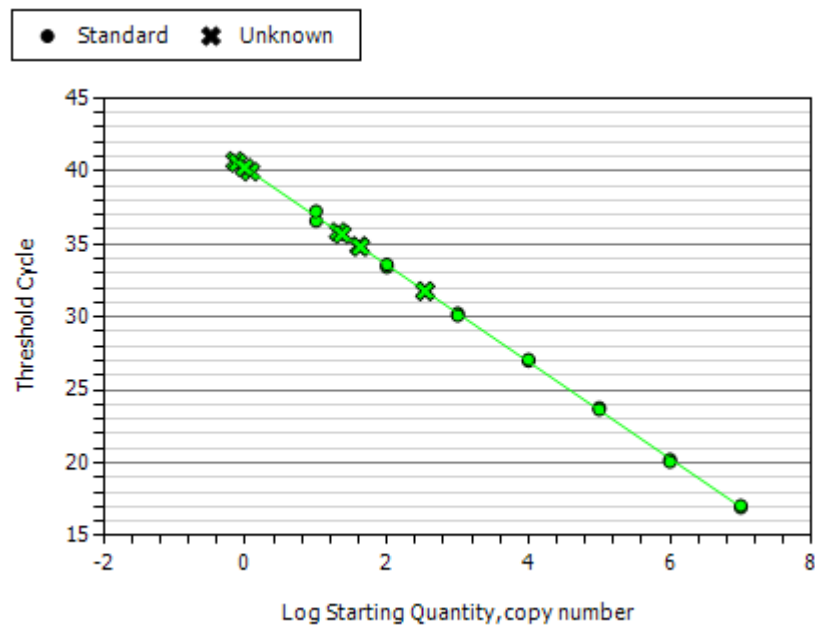
PCR Quantification Data

PCR Amp/Cycle Chart



Standard Curve Data

Standard Curve Chart



| | | | | |
|--------------|----------------------|----------------|--------------|--------------------|
| Fluor | PCR | R | Slope | y-Intercept |
| | Efficiency(%) | Squared | | |
| FAM | 100.1 | 0.999 | -3.319 | 40.203 |

| | | | |
|--------------|-----------------|-----------------|-----------------|
| Fluor | Units | Quantity | Original |
| | Changed? | Units | Units |
| FAM | No | copy number | copy number |

Number of valid standard wells: **None**

Standard Curve Spreadsheet Data

| Fluor | Well | Type | Ident. | Rep | Ct | Log SQ | SQ | SQ Mean | SQ SD | Ct Mean | Ct SD | Set Point |
|-------|------|------|----------|-----|-------|-----------|----------|------------|----------|------------|----------|--------------|
| FAM | A01 | Std | - | 1 | 16.93 | 7.000 | 1.00E+07 | 1.00E+07 | 0.00E+00 | 17.00 | 0.096 | N/A |
| FAM | A02 | Std | - | 1 | 17.06 | 7.000 | 1.00E+07 | 1.00E+07 | 0.00E+00 | 17.00 | 0.096 | N/A |
| FAM | A04 | Unkn | 4326 d64 | 1 | 35.84 | 1.315 | 2.07E+01 | 2.20E+01 | 1.80E+00 | 35.75 | 0.119 | N/A |
| FAM | A05 | Unkn | 4326 d64 | 1 | 35.67 | 1.366 | 2.32E+01 | 2.20E+01 | 1.80E+00 | 35.75 | 0.119 | N/A |
| FAM | A07 | Unkn | 4659 d64 | 5 | 39.96 | 0.074 | 1.19E+00 | 9.50E-01 | 3.33E-01 | 40.32 | 0.516 | N/A |
| FAM | A08 | Unkn | 4659 d64 | 5 | 40.69 | -0.146 | 7.14E-01 | 9.50E-01 | 3.33E-01 | 40.32 | 0.516 | N/A |
| FAM | B01 | Std | - | 2 | 20.23 | 6.000 | 1.00E+06 | 1.00E+06 | 0.00E+00 | 20.14 | 0.117 | N/A |
| FAM | B02 | Std | - | 2 | 20.06 | 6.000 | 1.00E+06 | 1.00E+06 | 0.00E+00 | 20.14 | 0.117 | N/A |
| FAM | C01 | Std | - | 3 | 23.77 | 5.000 | 1.00E+05 | 1.00E+05 | 0.00E+00 | 23.71 | 0.082 | N/A |
| FAM | C02 | Std | - | 3 | 23.65 | 5.000 | 1.00E+05 | 1.00E+05 | 0.00E+00 | 23.71 | 0.082 | N/A |
| FAM | C04 | Unkn | 4651 d64 | 2 | 40.56 | -0.109 | 7.78E-01 | 8.76E-01 | 1.39E-01 | 40.40 | 0.229 | N/A |
| FAM | C05 | Unkn | 4651 d64 | 2 | 40.24 | -0.011 | 9.74E-01 | 8.76E-01 | 1.39E-01 | 40.40 | 0.229 | N/A |
| FAM | C07 | Unkn | 4671 d64 | 6 | 31.76 | 2.543 | 3.49E+02 | 3.47E+02 | 2.75E+00 | 31.77 | 0.011 | N/A |
| FAM | C08 | Unkn | 4671 d64 | 6 | 31.78 | 2.538 | 3.45E+02 | 3.47E+02 | 2.75E+00 | 31.77 | 0.011 | N/A |
| FAM | D01 | Std | - | 4 | 26.99 | 4.000 | 1.00E+04 | 1.00E+04 | 0.00E+00 | 27.04 | 0.062 | N/A |
| FAM | D02 | Std | - | 4 | 27.08 | 4.000 | 1.00E+04 | 1.00E+04 | 0.00E+00 | 27.04 | 0.062 | N/A |
| FAM | E01 | Std | - | 5 | 30.25 | 3.000 | 1.00E+03 | 1.00E+03 | 0.00E+00 | 30.18 | 0.105 | N/A |
| FAM | E02 | Std | - | 5 | 30.10 | 3.000 | 1.00E+03 | 1.00E+03 | 0.00E+00 | 30.18 | 0.105 | N/A |
| FAM | E04 | Unkn | 4652 d64 | 3 | N/A | N/A | 0.00E+00 | 0.00E+00 | 0.00E+00 | .00 | 0.000 | N/A |
| FAM | E05 | Unkn | 4652 d64 | 3 | N/A | N/A | 0.00E+00 | 0.00E+00 | 0.00E+00 | .00 | 0.000 | N/A |
| FAM | F01 | Std | - | 6 | 33.41 | 2.000 | 1.00E+02 | 1.00E+02 | 0.00E+00 | 33.51 | 0.136 | N/A |
| FAM | F02 | Std | - | 6 | 33.60 | 2.000 | 1.00E+02 | 1.00E+02 | 0.00E+00 | 33.51 | 0.136 | N/A |
| FAM | G01 | Std | - | 7 | 36.58 | 1.000 | 1.00E+01 | 1.00E+01 | 0.00E+00 | 36.91 | 0.472 | N/A |
| FAM | G02 | Std | - | 7 | 37.25 | 1.000 | 1.00E+01 | 1.00E+01 | 0.00E+00 | 36.91 | 0.472 | N/A |
| FAM | G04 | Unkn | 4657 d64 | 4 | 34.87 | 1.606 | 4.04E+01 | 4.13E+01 | 1.37E+00 | 34.84 | 0.048 | N/A |
| FAM | G05 | Unkn | 4657 d64 | 4 | 34.81 | 1.626 | 4.23E+01 | 4.13E+01 | 1.37E+00 | 34.84 | 0.048 | N/A |
| FAM | H01 | NTC | - | 1 | N/A | N/A | 0.00E+00 | 0.00E+00 | 0.00E+00 | .00 | 0.000 | N/A |
| FAM | H02 | NTC | - | 1 | N/A | N/A | 0.00E+00 | 0.00E+00 | 0.00E+00 | .00 | 0.000 | N/A |

Run Parameters

| | |
|---------------------------|--------------------|
| Hot Start? | No |
| Temperature Control Mode: | Algorithmic |
| Volume: | 25 ul |

Data Analysis Parameters

Display Controls

| | |
|--------------|---------------------|
| Fluor | Display Mode |
| FAM | SinglePoint |

Data Selection

| | | |
|--------------|--------------------|---------------|
| Fluor | Data Window | Center |
| | Size | |
| FAM | 99% | End |

Digital Filtering

| Fluor | Global Filter Enabled? | PCR Digital Filter Type | Smoothing Filter Desired Width |
|-------|------------------------|-------------------------|--------------------------------|
| FAM | Off | Weighted Mean | 5 |

PCR Data Analysis Method

| Fluor | Data Analysis Method |
|-------|------------------------------------|
| FAM | PCR Base Line Subtracted Curve Fit |

PCR Baseline Data Analysis Parameters**Baseline Calculation**

| Fluor | Baseline Method | Auto Baseline Cycle Calculation? | Global Baseline Cycles | |
|-------|-----------------|----------------------------------|------------------------|-----|
| | | | Start | End |
| FAM | Data Window | Yes | N/A | N/A |

Overriden Baseline Cycles

None

Threshold Calculation

| Fluor | Use Auto Threshold? | Auto Calculated Threshold Value | User Defined Threshold Value |
|-------|---------------------|---------------------------------|------------------------------|
| FAM | Yes | 260.16 | 260.16 |

Excluded Wells

Excluded Well Count: 0

Modified Wells

Modified Well Count: 0

End