



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

**General Data**

Data File Name	Luitpold Salivary DNA GAPDH 6-9-11.opd
Data File Path	C:\Program Files\Bio-Rad\iQ5\Users\Craig
Collected Data	<b>Collected Data</b>
Current Date	6/9/2011 5:06:43 PM
Run Date	6/9/2011 2:09:54 PM
User aborted the run	No
Active RMEs	Original
Active Well Factors	Dynamic
Background Readings Valid	No, data is 350 day(s) old.
RME Valid	Yes
Well Factors Valid	No, data is 720 day(s) old.
Plate Setup File Name	Luitpold Salivary DNA GAPDH 6-9-11.pts
Plate Setup File Path	C:\Program Files\Bio-Rad\iQ5\Users\Craig
Protocol File Name	SYBR green 1.tmo
Protocol File Path	C:\Program Files\Bio-Rad\iQ5\Users\Ryan
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	6/9/2011 2:09:54 PM
Created in Security Edition	No
Last Creation GUID	3a32fdd7-68d3-4f5e-abff-41c9b5effe62
Modified by user	BioRad\admin
Last modified date	6/9/2011 2:09:54 PM
OS Build and Service Pack	2600 (Service Pack 2)
Report differs from last save	Yes

**Notes:**

**Protocol:**

Cycle 1: (1X)		
Step 1:	95.0 °C	for 00:30.
Cycle 2: (40X)		
Step 1:	95.0 °C	for 00:05.
Step 2:	60.0 °C	for 00:10.
Data collection and real-time analysis enabled.		
Cycle 3: (1X)		
Step 1:	95.0 °C	for 00:05.
Cycle 4: (1X)		
Step 1:	65.0 °C	for 00:10.
Cycle 5: (61X)		

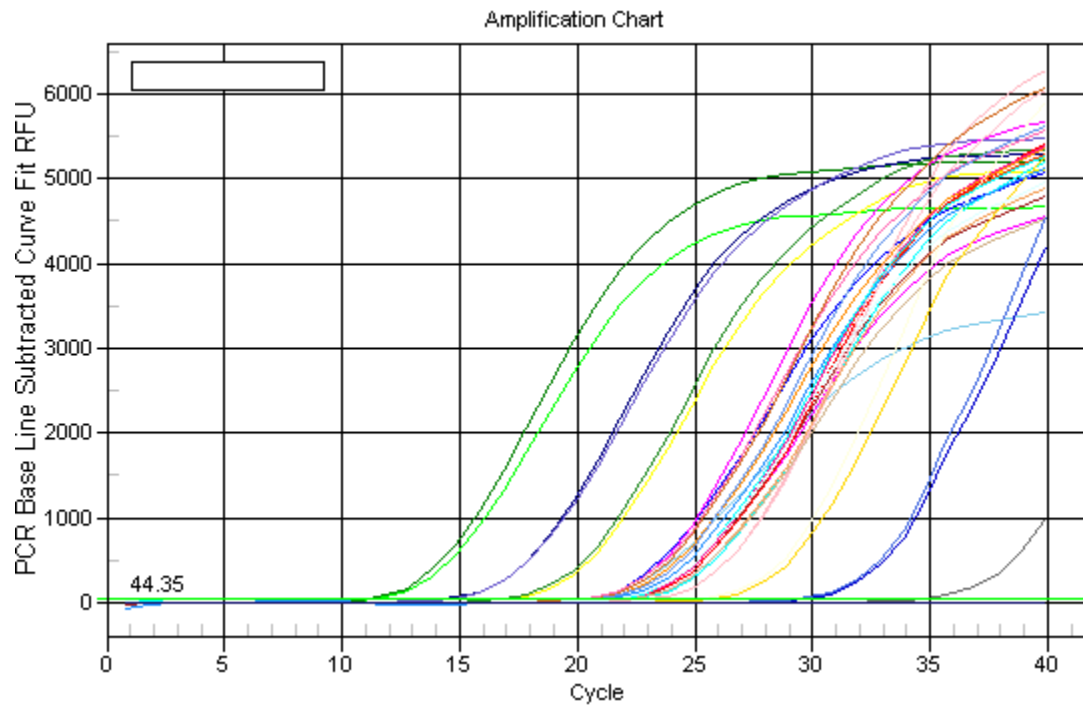
Step 1: 65.0 °C-95.0 °C for 00:10.  
Increase set point temperature after cycle 2 by 0.5 °C  
Melt curve data collection and analysis enabled.

**Modified Protocol:**

Protocol unchanged

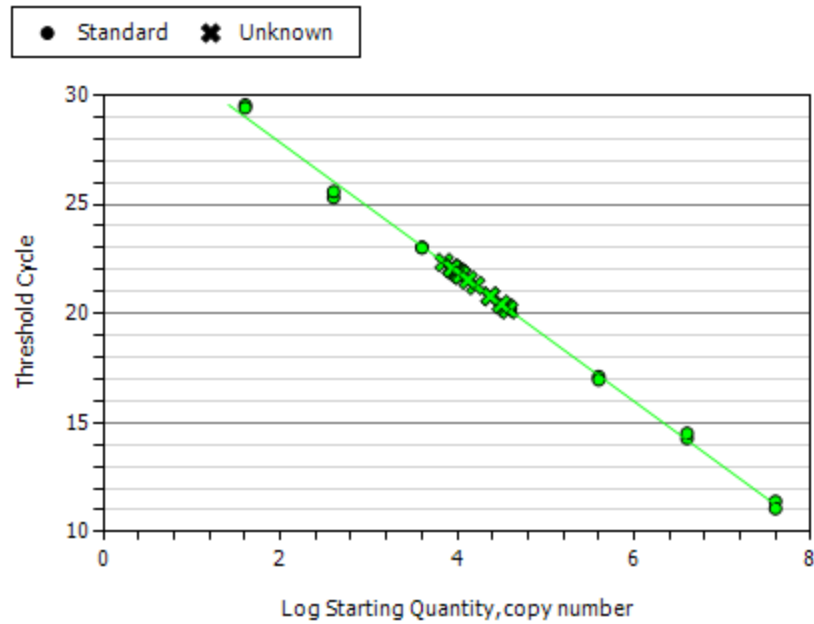
## PCR Quantification Data

### PCR Amp/Cycle Chart



## Standard Curve Data

### Standard Curve Chart



<b>Fluor</b>	<b>PCR Efficiency(%)</b>	<b>R Squared</b>	<b>Slope</b>	<b>y-Intercept</b>
FAM	117.8	0.997	-2.957	33.729

<b>Fluor</b>	<b>Units Changed?</b>	<b>Quantity Units</b>	<b>Original Units</b>
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	11.40	7.602	4.00E+07	4.00E+07	0.00E+00	11.24	0.231	N/A
FAM	A02	Std	-	1	11.07	7.602	4.00E+07	4.00E+07	0.00E+00	11.24	0.231	N/A
FAM	A04	Unkn	4323 d43	1	20.24	4.559	3.63E+04	3.72E+04	1.33E+03	20.21	0.046	N/A
FAM	A05	Unkn	4323 d43	1	20.18	4.581	3.81E+04	3.72E+04	1.33E+03	20.21	0.046	N/A
FAM	A07	Unkn	4661 d43	5	21.77	4.043	1.10E+04	1.02E+04	1.19E+03	21.88	0.150	N/A
FAM	A08	Unkn	4661 d43	5	21.98	3.972	9.37E+03	1.02E+04	1.19E+03	21.88	0.150	N/A
FAM	B01	Std	-	2	14.28	6.602	4.00E+06	4.00E+06	0.00E+00	14.40	0.166	N/A
FAM	B02	Std	-	2	14.51	6.602	4.00E+06	4.00E+06	0.00E+00	14.40	0.166	N/A
FAM	C01	Std	-	3	17.11	5.602	4.00E+05	4.00E+05	0.00E+00	17.04	0.107	N/A
FAM	C02	Std	-	3	16.96	5.602	4.00E+05	4.00E+05	0.00E+00	17.04	0.107	N/A
FAM	C04	Unkn	4331 d43	2	22.33	3.853	7.13E+03	8.57E+03	2.03E+03	22.12	0.307	N/A
FAM	C05	Unkn	4331 d43	2	21.90	4.000	1.00E+04	8.57E+03	2.03E+03	22.12	0.307	N/A
FAM	C07	Unkn	4664 d43	6	21.86	4.015	1.03E+04	1.05E+04	2.39E+02	21.84	0.029	N/A
FAM	C08	Unkn	4664 d43	6	21.81	4.028	1.07E+04	1.05E+04	2.39E+02	21.84	0.029	N/A
FAM	D01	Std	-	4	20.19	4.602	4.00E+04	4.00E+04	0.00E+00	20.22	0.040	N/A
FAM	D02	Std	-	4	20.25	4.602	4.00E+04	4.00E+04	0.00E+00	20.22	0.040	N/A
FAM	E01	Std	-	5	23.03	3.602	4.00E+03	4.00E+03	0.00E+00	23.02	0.018	N/A
FAM	E02	Std	-	5	23.00	3.602	4.00E+03	4.00E+03	0.00E+00	23.02	0.018	N/A
FAM	E04	Unkn	4652 d43	3	20.42	4.500	3.16E+04	2.78E+04	5.47E+03	20.60	0.255	N/A
FAM	E05	Unkn	4652 d43	3	20.78	4.378	2.39E+04	2.78E+04	5.47E+03	20.60	0.255	N/A
FAM	E07	Unkn	4667 d43	7	22.08	3.938	8.68E+03	8.73E+03	7.82E+01	22.07	0.011	N/A
FAM	E08	Unkn	4667 d43	7	22.07	3.944	8.79E+03	8.73E+03	7.82E+01	22.07	0.011	N/A
FAM	F01	Std	-	6	25.31	2.602	4.00E+02	4.00E+02	0.00E+00	25.44	0.193	N/A
FAM	F02	Std	-	6	25.58	2.602	4.00E+02	4.00E+02	0.00E+00	25.44	0.193	N/A

## Run Parameters

## Data Analysis Parameters

## PCR Baseline Data Analysis Parameters

<b>Overriden Baseline Cycles</b>	None
----------------------------------	------

Fluor	Use Auto Threshold?	Auto Calculated Threshold Value	User Defined Threshold Value
FAM	Yes	44.35	44.35

***Excluded Wells***

Excluded Well Count: 0

***Modified Wells***

Modified Well Count: 0

**End**