



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 5-26-11.opd
Data File Path	C:\Program Files\Bio-Rad\iQ5\Users\Craig
Collected Data	Collected Data
Current Date	5/31/2011 9:50:41 AM
Run Date	5/26/2011 1:48:28 PM
User aborted the run	No
Active RMEs	Original
Active Well Factors	Dynamic
Background Readings Valid	No, data is 336 day(s) old.
RME Valid	Yes
Well Factors Valid	No, data is 706 day(s) old.
Plate Setup File Name	Luitpold Salivary DNA GAPDH 5-26-11.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	5/26/2011 1:48:28 PM
Created in Security Edition	No
Last Creation GUID	c4d4165e-6341-495d-9468-6bed5ea4ccfa
Modified by user	BioRad\admin
Last modified date	5/26/2011 1:48:28 PM
OS Build and Service Pack	2600 (Service Pack 2)
Report differs from last save	No

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)		

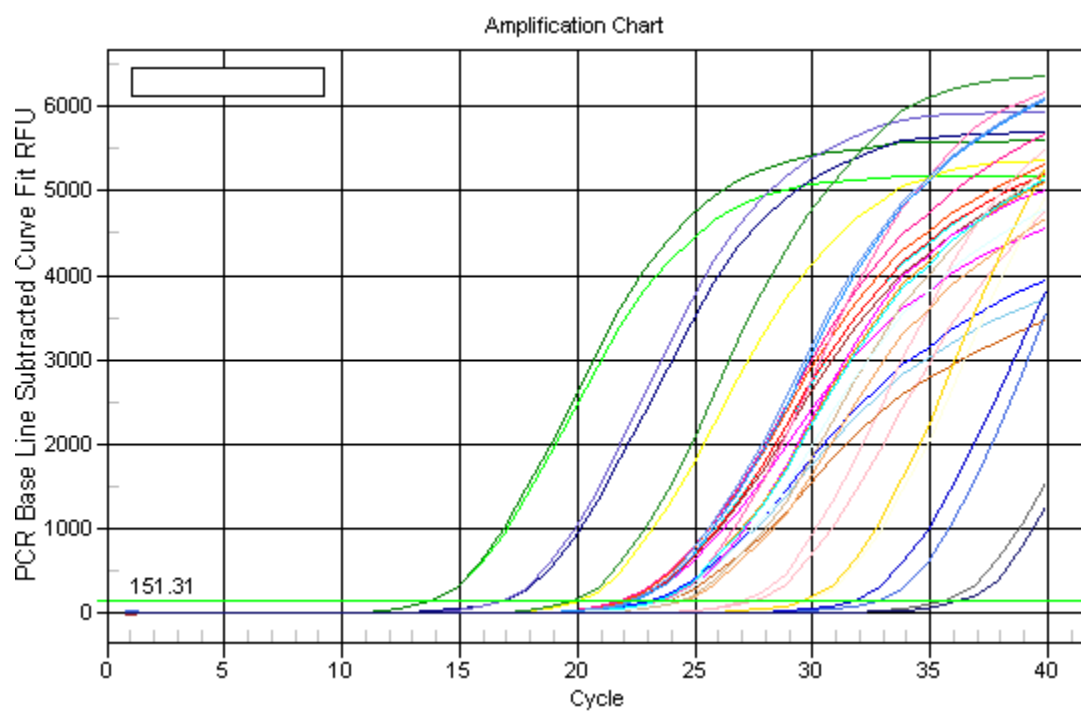
Step 1: 65.0 °C-95.0 °C for 00:10.
Increase set point temperature after cycle 2 by 0.5 °C
Melt curve data collection and analysis enabled.

Modified Protocol:

Protocol unchanged

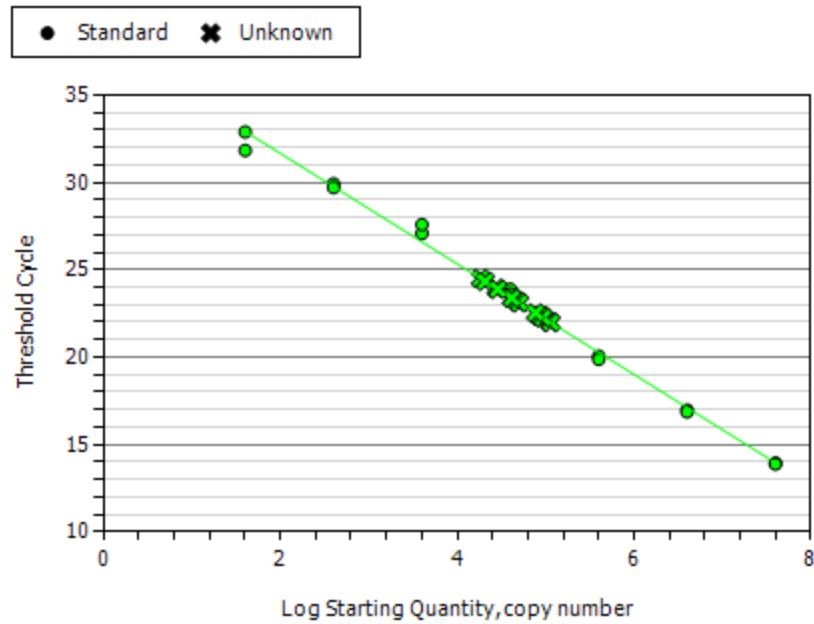
PCR Quantification Data

PCR Amp/Cycle Chart



Standard Curve Data

Standard Curve Chart



Fluor	PCR Efficiency(%)	R Squared	Slope	y-Intercept
FAM	107.2	0.995	-3.160	37.979

Fluor	Units Changed?	Quantity Units	Original 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	13.94	7.602	4.00E+07	4.00E+07	0.00E+00	13.91	0.041	N/A
FAM	A02	Std	-	1	13.88	7.602	4.00E+07	4.00E+07	0.00E+00	13.91	0.041	N/A
FAM	A04	Unkn	4653 d64	1	23.20	4.678	4.77E+04	4.93E+04	2.33E+03	23.15	0.065	N/A
FAM	A05	Unkn	4653 d64	1	23.10	4.707	5.10E+04	4.93E+04	2.33E+03	23.15	0.065	N/A
FAM	A07	Unkn	4666 d64	5	22.35	4.947	8.85E+04	8.75E+04	1.37E+03	22.36	0.022	N/A
FAM	A08	Unkn	4666 d64	5	22.38	4.937	8.65E+04	8.75E+04	1.37E+03	22.36	0.022	N/A
FAM	B01	Std	-	2	16.98	6.602	4.00E+06	4.00E+06	0.00E+00	16.92	0.076	N/A
FAM	B02	Std	-	2	16.87	6.602	4.00E+06	4.00E+06	0.00E+00	16.92	0.076	N/A
FAM	C01	Std	-	3	20.06	5.602	4.00E+05	4.00E+05	0.00E+00	19.97	0.131	N/A
FAM	C02	Std	-	3	19.88	5.602	4.00E+05	4.00E+05	0.00E+00	19.97	0.131	N/A
FAM	C04	Unkn	4654 d64	2	22.28	4.967	9.28E+04	8.99E+04	4.09E+03	22.33	0.063	N/A
FAM	C05	Unkn	4654 d64	2	22.37	4.939	8.70E+04	8.99E+04	4.09E+03	22.33	0.063	N/A
FAM	C07	Unkn	4667 d64	6	22.03	5.048	1.12E+05	1.14E+05	2.95E+03	22.00	0.036	N/A
FAM	C08	Unkn	4667 d64	6	21.98	5.064	1.16E+05	1.14E+05	2.95E+03	22.00	0.036	N/A
FAM	D01	Std	-	4	23.89	4.602	4.00E+04	4.00E+04	0.00E+00	23.75	0.195	N/A
FAM	D02	Std	-	4	23.62	4.602	4.00E+04	4.00E+04	0.00E+00	23.75	0.195	N/A
FAM	E01	Std	-	5	27.08	3.602	4.00E+03	4.00E+03	0.00E+00	27.33	0.357	N/A
FAM	E02	Std	-	5	27.59	3.602	4.00E+03	4.00E+03	0.00E+00	27.33	0.357	N/A
FAM	E04	Unkn	4658 d64	3	23.95	4.440	2.75E+04	3.46E+04	1.00E+04	23.67	0.403	N/A
FAM	E05	Unkn	4658 d64	3	23.38	4.620	4.17E+04	3.46E+04	1.00E+04	23.67	0.403	N/A
FAM	E07	Unkn	4669 d64	7	24.50	4.265	1.84E+04	1.96E+04	1.69E+03	24.42	0.119	N/A
FAM	E08	Unkn	4669 d64	7	24.34	4.318	2.08E+04	1.96E+04	1.69E+03	24.42	0.119	N/A
FAM	F01	Std	-	6	29.92	2.602	4.00E+02	4.00E+02	0.00E+00	29.81	0.154	N/A
FAM	F02	Std	-	6	29.70	2.602	4.00E+02	4.00E+02	0.00E+00	29.81	0.154	N/A

FAM	G01	Std	-	7	31.83	1.602	4.00E+01	4.00E+01	0.00E+00	32.36	0.750	N/A
FAM	G02	Std	-	7	32.89	1.602	4.00E+01	4.00E+01	0.00E+00	32.36	0.750	N/A
FAM	G04	Unkn	4663 d64	4	22.26	4.973	9.40E+04	8.56E+04	1.20E+04	22.40	0.193	N/A
FAM	G05	Unkn	4663 d64	4	22.54	4.887	7.71E+04	8.56E+04	1.20E+04	22.40	0.193	N/A
FAM	G07	Unkn	4670 d64	8	23.38	4.620	4.17E+04	3.53E+04	9.00E+03	23.63	0.354	N/A
FAM	G08	Unkn	4670 d64	8	23.88	4.462	2.90E+04	3.53E+04	9.00E+03	23.63	0.354	N/A
FAM	H01	NTC	-	1	35.71	N/A	0.00E+00	0.00E+00	0.00E+00	36.01	0.435	N/A
FAM	H02	NTC	-	1	36.32	N/A	0.00E+00	0.00E+00	0.00E+00	36.01	0.435	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** **PCR Digital** **Smoothing Filter**
Enabled? **Filter Type** **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** **Auto Baseline** **Global Baseline Cycles**
Method **Cycle Calculation?** **Start** **End**
FAM **Data Window** **Yes** **N/A** **N/A**

Overriden Baseline Cycles **None**

Threshold Calculation

Fluor **Use Auto** **Auto Calculated** **User Defined**
Threshold? **Threshold Value** **Threshold Value**
FAM **Yes** **151.31** **151.31**

Excluded Wells

Excluded Well Count: 0

Modified Wells

Modified Well Count: 0

End