



**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 6-7-11.opd
Data File Path	C:\Program Files\Bio-Rad\iQ5\Users\Craig
Collected Data	<b>Collected Data</b>
Current Date	6/7/2011 7:37:45 PM
Run Date	6/7/2011 5:04:47 PM
User aborted the run	No
Active RMEs	Original
Active Well Factors	Dynamic
Background Readings Valid	No, data is 348 day(s) old.
RME Valid	Yes
Well Factors Valid	No, data is 718 day(s) old.
Plate Setup File Name	Luitpold Salivary DNA FIV C 6-7-11.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	6/7/2011 5:04:47 PM
Created in Security Edition	No
Last Creation GUID	4675235d-ed8b-4304-99a8-6c48b6fb585a
Modified by user	BioRad\admin
Last modified date	6/7/2011 5:04:47 PM
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.

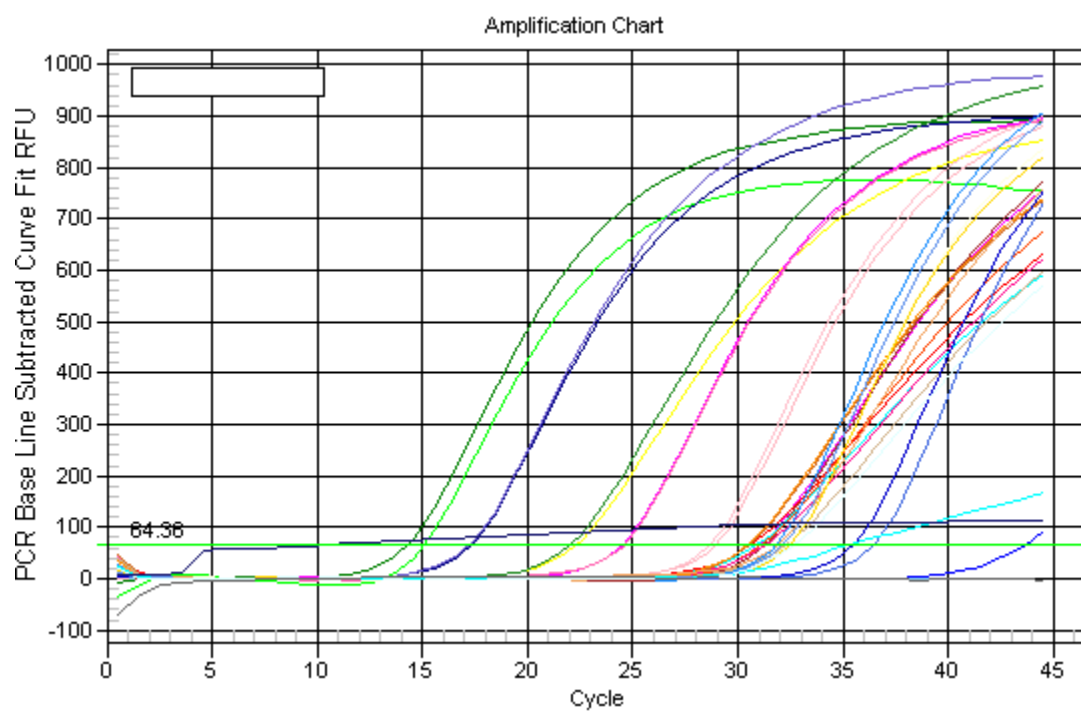
Data collection and real-time analysis enabled.

**Modified Protocol:**

Protocol unchanged

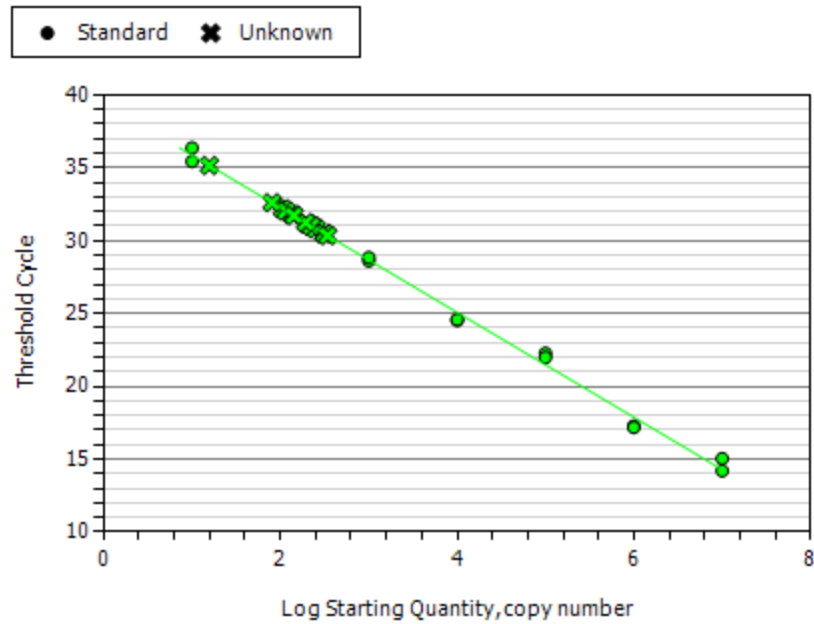
## PCR Quantification Data

### PCR Amp/Cycle Chart



## Standard Curve Data

### Standard Curve Chart



Fluor	PCR Efficiency(%)	R Squared	Slope	y-Intercept
FAM	89.6	0.995	-3.598	39.466

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	15.04	7.000	1.00E+07	1.00E+07	0.00E+00	14.62	0.591	N/A
FAM	A02	Std	-	1	14.20	7.000	1.00E+07	1.00E+07	0.00E+00	14.62	0.591	N/A
FAM	A04	Unkn	4330 d43	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	A05	Unkn	4330 d43	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	A07	Unkn	4659 d43	5	30.97	2.361	2.30E+02	2.16E+02	1.90E+01	31.07	0.137	N/A
FAM	A08	Unkn	4659 d43	5	31.16	2.307	2.03E+02	2.16E+02	1.90E+01	31.07	0.137	N/A
FAM	B01	Std	-	2	17.27	6.000	1.00E+06	1.00E+06	0.00E+00	17.23	0.066	N/A
FAM	B02	Std	-	2	17.18	6.000	1.00E+06	1.00E+06	0.00E+00	17.23	0.066	N/A
FAM	C01	Std	-	3	22.27	5.000	1.00E+05	1.00E+05	0.00E+00	22.12	0.204	N/A
FAM	C02	Std	-	3	21.98	5.000	1.00E+05	1.00E+05	0.00E+00	22.12	0.204	N/A
FAM	C04	Unkn	4653 d43	2	30.82	2.403	2.53E+02	2.81E+02	3.99E+01	30.66	0.223	N/A
FAM	C05	Unkn	4653 d43	2	30.51	2.490	3.09E+02	2.81E+02	3.99E+01	30.66	0.223	N/A
FAM	C07	Unkn	4662 d43	6	31.00	2.352	2.25E+02	2.09E+02	2.24E+01	31.12	0.168	N/A
FAM	C08	Unkn	4662 d43	6	31.24	2.286	1.93E+02	2.09E+02	2.24E+01	31.12	0.168	N/A
FAM	D01	Std	-	4	24.53	4.000	1.00E+04	1.00E+04	0.00E+00	24.56	0.037	N/A
FAM	D02	Std	-	4	24.59	4.000	1.00E+04	1.00E+04	0.00E+00	24.56	0.037	N/A
FAM	E01	Std	-	5	28.61	3.000	1.00E+03	1.00E+03	0.00E+00	28.73	0.160	N/A
FAM	E02	Std	-	5	28.84	3.000	1.00E+03	1.00E+03	0.00E+00	28.73	0.160	N/A
FAM	E04	Unkn	4654 d43	3	30.48	2.497	3.14E+02	3.29E+02	2.04E+01	30.41	0.097	N/A
FAM	E05	Unkn	4654 d43	3	30.34	2.535	3.43E+02	3.29E+02	2.04E+01	30.41	0.097	N/A
FAM	E07	Unkn	4665 d43	7	31.80	2.131	1.35E+02	1.20E+02	2.10E+01	31.99	0.274	N/A
FAM	E08	Unkn	4665 d43	7	32.19	2.023	1.05E+02	1.20E+02	2.10E+01	31.99	0.274	N/A
FAM	F01	Std	-	6	32.31	2.000	1.00E+02	1.00E+02	0.00E+00	32.36	0.078	N/A
FAM	F02	Std	-	6	32.42	2.000	1.00E+02	1.00E+02	0.00E+00	32.36	0.078	N/A

FAM	G01	Std	-	7	35.44	1.000	1.00E+01	1.00E+01	0.00E+00	35.90	0.652	N/A
FAM	G02	Std	-	7	36.37	1.000	1.00E+01	1.00E+01	0.00E+00	35.90	0.652	N/A
FAM	G04	Unkn	4655 d43	4	32.04	2.064	1.16E+02	1.29E+02	1.88E+01	31.88	0.229	N/A
FAM	G05	Unkn	4655 d43	4	31.72	2.154	1.43E+02	1.29E+02	1.88E+01	31.88	0.229	N/A
FAM	G07	Unkn	4669 d43	8	35.16	1.196	1.57E+01	4.81E+01	4.58E+01	33.89	1.804	N/A
FAM	G08	Unkn	4669 d43	8	32.61	1.905	8.04E+01	4.81E+01	4.58E+01	33.89	1.804	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	10.46	N/A	0.00E+00	0.00E+00	0.00E+00	10.46	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          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                      64.36                      64.36

***Excluded Wells***

Excluded Well Count: 0

***Modified Wells***

Modified Well Count: 0

**End**