



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

General Data

Data File Name	d35 PBMC DNA 6-23-11.opd
Data File Path	C:\Program Files\Bio-Rad\iQ5\Users\ME
Collected Data	Collected Data
Current Date	6/23/2011 10:42:55 PM
Run Date	6/23/2011 6:48:40 PM
User aborted the run	No
Active RMEs	Original
Active Well Factors	Dynamic
Background Readings Valid	No, data is 364 day(s) old.
RME Valid	Yes
Well Factors Valid	No, data is 734 day(s) old.
Plate Setup File Name	d35 PBMC DNA 6-23-11.pts
Plate Setup File Path	C:\Program Files\Bio-Rad\iQ5\Users\ME
Protocol File Name	FIV-PPR.C36.tmo
Protocol File Path	C:\Program Files\Bio-Rad\iQ5\Users\Cindy
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	6/23/2011 6:48:40 PM
Created in Security Edition	No
Last Creation GUID	69630a23-8579-41ca-9f0f-7526203fdb39
Modified by user	BioRad\admin
Last modified date	6/23/2011 6:48:40 PM
OS Build and Service Pack	2600 (Service Pack 2)
Report differs from last save	No

Notes:

Protocol:

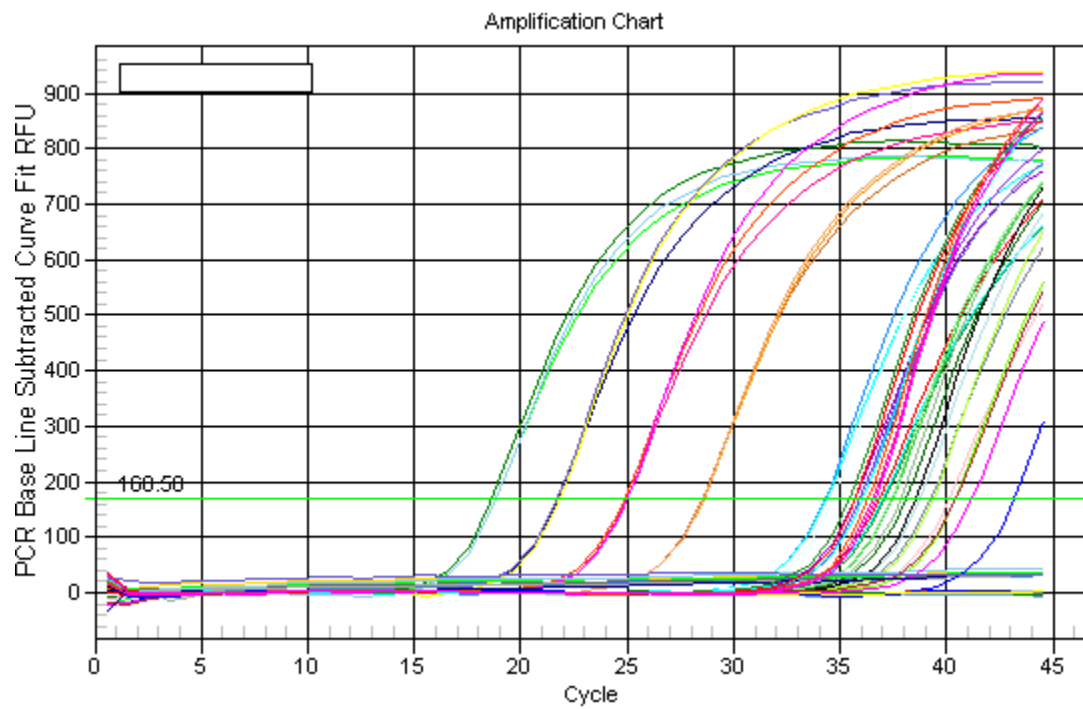
Cycle 1: (1X)		
Step 1:	55.0 °C	for 02:00.
Cycle 2: (1X)		
Step 1:	95.0 °C	for 08:30.
Cycle 3: (45X)		
Step 1:	95.0 °C	for 00:15.
Step 2:	60.0 °C	for 01:00.
Data collection and real-time analysis enabled.		

Modified Protocol:

Protocol unchanged

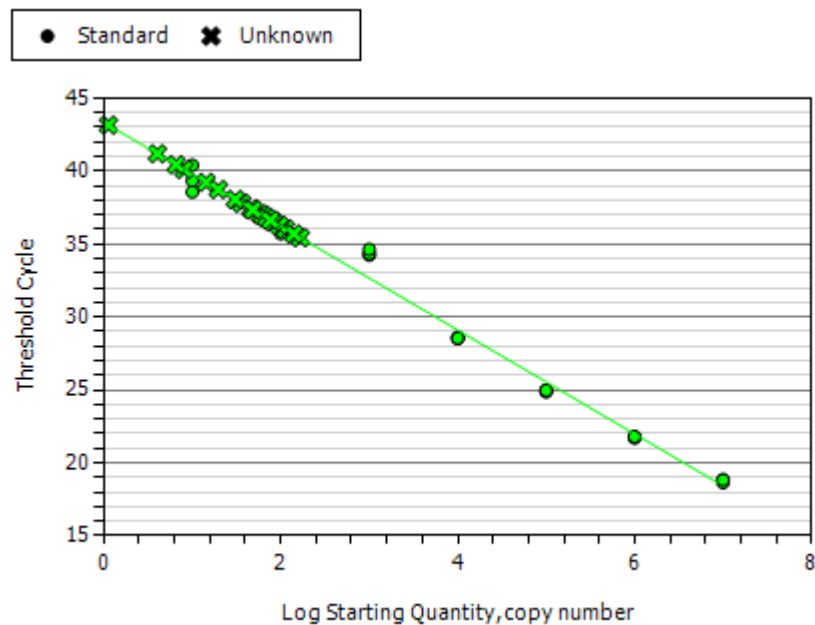
PCR Quantification Data

PCR Amp/Cycle Chart



Standard Curve Data

Standard Curve Chart



Fluor	PCR	R	Slope	y-Intercept
	Efficiency(%)	Squared		
FAM	90.9	0.987	-3.561	43.347

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	18.84	7.000	1.00E+07	1.00E+07	0.00E+00	18.77	0.110	N/A
FAM	A02	Std	-	1	18.64	7.000	1.00E+07	1.00E+07	0.00E+00	18.77	0.110	N/A
FAM	A03	Std	-	1	18.83	7.000	1.00E+07	1.00E+07	0.00E+00	18.77	0.110	N/A
FAM	A04	Unkn	4377	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	A05	Unkn	4377	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	A06	Unkn	4377	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	B01	Std	-	2	21.78	6.000	1.00E+06	1.00E+06	0.00E+00	21.76	0.052	N/A
FAM	B02	Std	-	2	21.70	6.000	1.00E+06	1.00E+06	0.00E+00	21.76	0.052	N/A
FAM	B03	Std	-	2	21.80	6.000	1.00E+06	1.00E+06	0.00E+00	21.76	0.052	N/A
FAM	B04	Unkn	OCY3	2	37.07	1.763	5.79E+01	6.33E+01	5.62E+00	36.94	0.137	N/A
FAM	B05	Unkn	OCY3	2	36.95	1.797	6.27E+01	6.33E+01	5.62E+00	36.94	0.137	N/A
FAM	B06	Unkn	OCY3	2	36.80	1.840	6.91E+01	6.33E+01	5.62E+00	36.94	0.137	N/A
FAM	C01	Std	-	3	24.86	5.000	1.00E+05	1.00E+05	0.00E+00	24.94	0.065	N/A
FAM	C02	Std	-	3	24.98	5.000	1.00E+05	1.00E+05	0.00E+00	24.94	0.065	N/A
FAM	C03	Std	-	3	24.96	5.000	1.00E+05	1.00E+05	0.00E+00	24.94	0.065	N/A
FAM	C04	Unkn	OCK3	3	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	C05	Unkn	OCK3	3	40.12	0.907	8.07E+00	8.07E+00	0.00E+00	40.12	0.000	N/A
FAM	C06	Unkn	OCK3	3	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	D01	Std	-	4	28.52	4.000	1.00E+04	1.00E+04	0.00E+00	28.56	0.041	N/A
FAM	D02	Std	-	4	28.60	4.000	1.00E+04	1.00E+04	0.00E+00	28.56	0.041	N/A
FAM	D03	Std	-	4	28.55	4.000	1.00E+04	1.00E+04	0.00E+00	28.56	0.041	N/A
FAM	D04	Unkn	OCJ2	4	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	D05	Unkn	OCJ2	4	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	D06	Unkn	OCJ2	4	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	D07	Unkn	OCJ2 1:2	9	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	D08	Unkn	OCJ2 1:2	9	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	D09	Unkn	OCJ2 1:2	9	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	E01	Std	-	5	34.25	3.000	1.00E+03	1.00E+03	0.00E+00	34.41	0.204	N/A
FAM	E02	Std	-	5	34.34	3.000	1.00E+03	1.00E+03	0.00E+00	34.41	0.204	N/A
FAM	E03	Std	-	5	34.64	3.000	1.00E+03	1.00E+03	0.00E+00	34.41	0.204	N/A
FAM	E04	Unkn	ODZ2	5	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	E05	Unkn	ODZ2	5	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	E06	Unkn	ODZ2	5	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	E07	Unkn	ODZ2 1:5	10	39.23	1.157	1.44E+01	2.34E+01	1.14E+01	38.59	0.727	N/A
FAM	E08	Unkn	ODZ2 1:5	10	37.80	1.559	3.62E+01	2.34E+01	1.14E+01	38.59	0.727	N/A
FAM	E09	Unkn	ODZ2 1:5	10	38.74	1.293	1.97E+01	2.34E+01	1.14E+01	38.59	0.727	N/A
FAM	F01	Std	-	6	35.90	2.000	1.00E+02	1.00E+02	0.00E+00	35.87	0.152	N/A
FAM	F02	Std	-	6	35.71	2.000	1.00E+02	1.00E+02	0.00E+00	35.87	0.152	N/A
FAM	F03	Std	-	6	36.01	2.000	1.00E+02	1.00E+02	0.00E+00	35.87	0.152	N/A
FAM	F04	Unkn	OFQ2	6	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	F05	Unkn	OFQ2	6	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	F06	Unkn	OFQ2	6	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	F07	Unkn	OFQ2 1:3	11	38.06	1.486	3.06E+01	4.17E+01	9.68E+00	37.61	0.389	N/A
FAM	F08	Unkn	OFQ2 1:3	11	37.43	1.662	4.59E+01	4.17E+01	9.68E+00	37.61	0.389	N/A
FAM	F09	Unkn	OFQ2 1:3	11	37.34	1.686	4.85E+01	4.17E+01	9.68E+00	37.61	0.389	N/A
FAM	G01	Std	-	7	40.40	1.000	1.00E+01	1.00E+01	0.00E+00	39.44	0.921	N/A
FAM	G02	Std	-	7	39.34	1.000	1.00E+01	1.00E+01	0.00E+00	39.44	0.921	N/A
FAM	G03	Std	-	7	38.57	1.000	1.00E+01	1.00E+01	0.00E+00	39.44	0.921	N/A
FAM	G04	Unkn	ODT2	7	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	G05	Unkn	ODT2	7	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	G06	Unkn	ODT2	7	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	G07	Unkn	ODT2 1:3	12	43.16	0.053	1.13E+00	3.91E+00	2.72E+00	41.59	1.405	N/A
FAM	G08	Unkn	ODT2 1:3	12	41.19	0.606	4.04E+00	3.91E+00	2.72E+00	41.59	1.405	N/A
FAM	G09	Unkn	ODT2 1:3	12	40.44	0.818	6.57E+00	3.91E+00	2.72E+00	41.59	1.405	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
FAM	H03	NTC	-	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	H04	Unkn	OFN2	8	35.44	2.221	1.66E+02	1.40E+02	2.66E+01	35.72	0.299	N/A

FAM	H05	Unkn	OFN2	8	36.03	2.054	1.13E+02	1.40E+02	2.66E+01	35.72	0.299	N/A
FAM	H06	Unkn	OFN2	8	35.70	2.148	1.41E+02	1.40E+02	2.66E+01	35.72	0.299	N/A
FAM	H07	Unkn	OFN2 1:2	13	36.28	1.984	9.64E+01	8.50E+01	1.03E+01	36.49	0.183	N/A
FAM	H08	Unkn	OFN2 1:2	13	36.53	1.914	8.20E+01	8.50E+01	1.03E+01	36.49	0.183	N/A
FAM	H09	Unkn	OFN2 1:2	13	36.64	1.884	7.65E+01	8.50E+01	1.03E+01	36.49	0.183	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** **168.58** **168.58**

Excluded Wells

Excluded Well Count: **0**

Modified Wells

Modified Well Count: 0

End