



Roberts Lab_2011-05-20 09-51-14_CC009827.pcrd

5/20/2011 2:07 PM

Report Information

User: BioRad/Roberts Lab
Data File Name: Roberts Lab_2011-05-20 09-51-14_CC009827.pcrd
Data File Path: C:\Users\srlab\Documents\My Dropbox\Roberts Lab CFX96 Data (7)\Sam
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run User: Roberts Lab
Run Date: 5/20/2011 9:51 AM
ID:
Notes:
Sample Volume: 25
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: CC009827
Optical Head Serial Number: 785BR3659

Protocol

1: 95.0°C for 10:00
2: 95.0°C for 0:15
3: 55.0°C for 0:15
4: 72.0°C for 0:30
Plate Read
5: GOTO 2, 39 more times
6: 95.0°C for 0:10
7: Melt Curve 65.0°C to 95.0°C : Increment 0.5°C 0:05
Plate Read

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 3KDS C1	Unk-1 3KDS C1	Unk-2 3KDS E1	Unk-2 3KDS E1	NTC 3KDS							
B	Unk-3 3KDS C2	Unk-3 3KDS C2	Unk-4 3KDS E2	Unk-4 3KDS E2	NTC 3KDS							
C	Unk-5 3KDS C3	Unk-5 3KDS C3	Unk-6 3KDS E3	Unk-6 3KDS E3	NTC 3KDS							

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk-7 3KDS C4	Unk-7 3KDS C4	Unk-8 3KDS E4	Unk-8 3KDS E4	NTC 3KDS							
E	Unk-9 3KDS C5	Unk-9 3KDS C5	Unk-10 3KDS E5	Unk-10 3KDS E5								
F	Unk-11 3KDS C6	Unk-11 3KDS C6	Unk-12 3KDS E6	Unk-12 3KDS E6								
G	Unk-13 3KDS C7	Unk-13 3KDS C7	Unk-14 3KDS E7	Unk-14 3KDS E7								
H	Unk-15 3KDS C8	Unk-15 3KDS C8	Unk-16 3KDS E8	Unk-16 3KDS E8								

Quantification

Step #: 4

Analysis Mode: Fluorophore

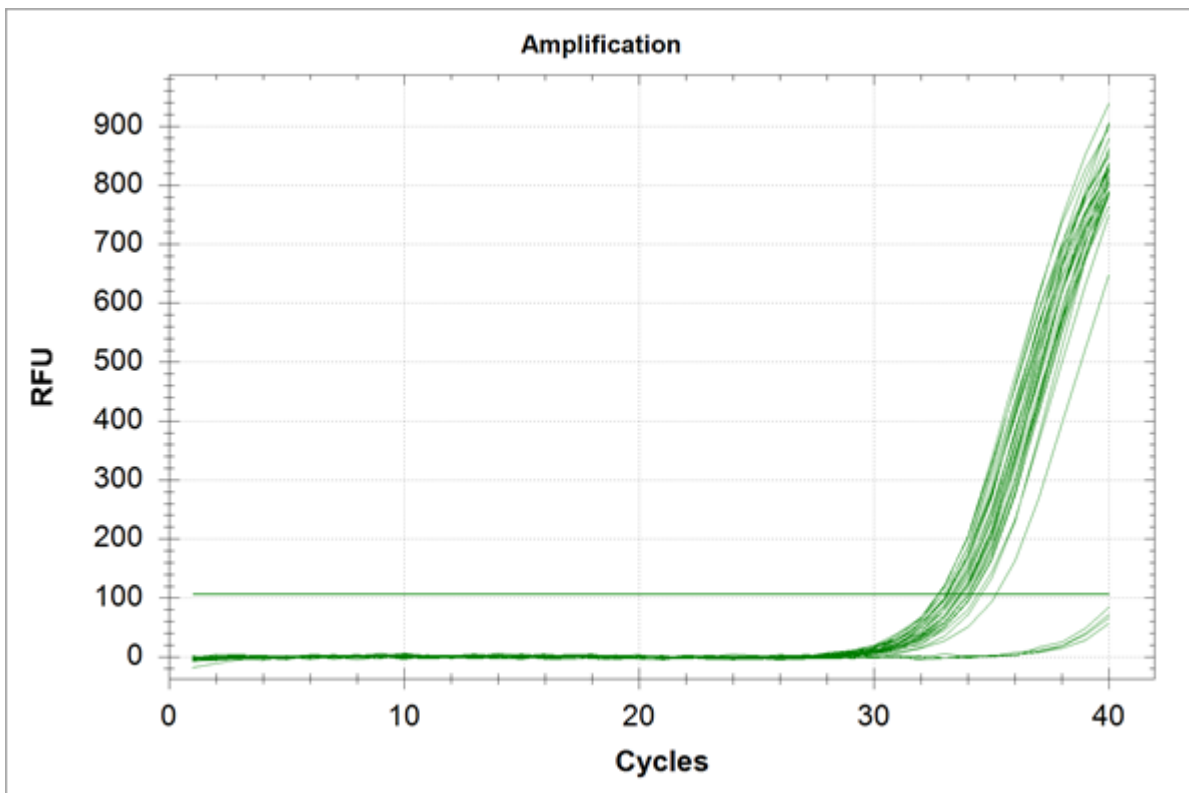
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 106.34, Auto Calculated



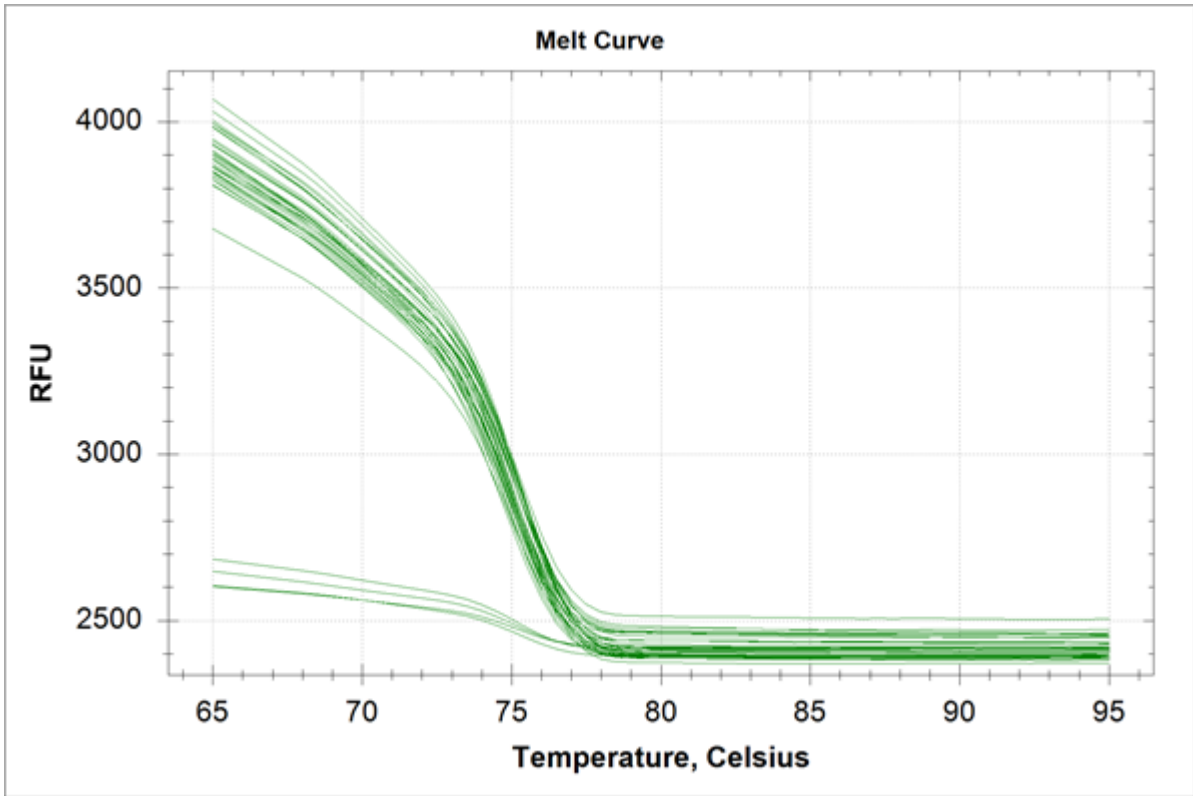
Quantification Data

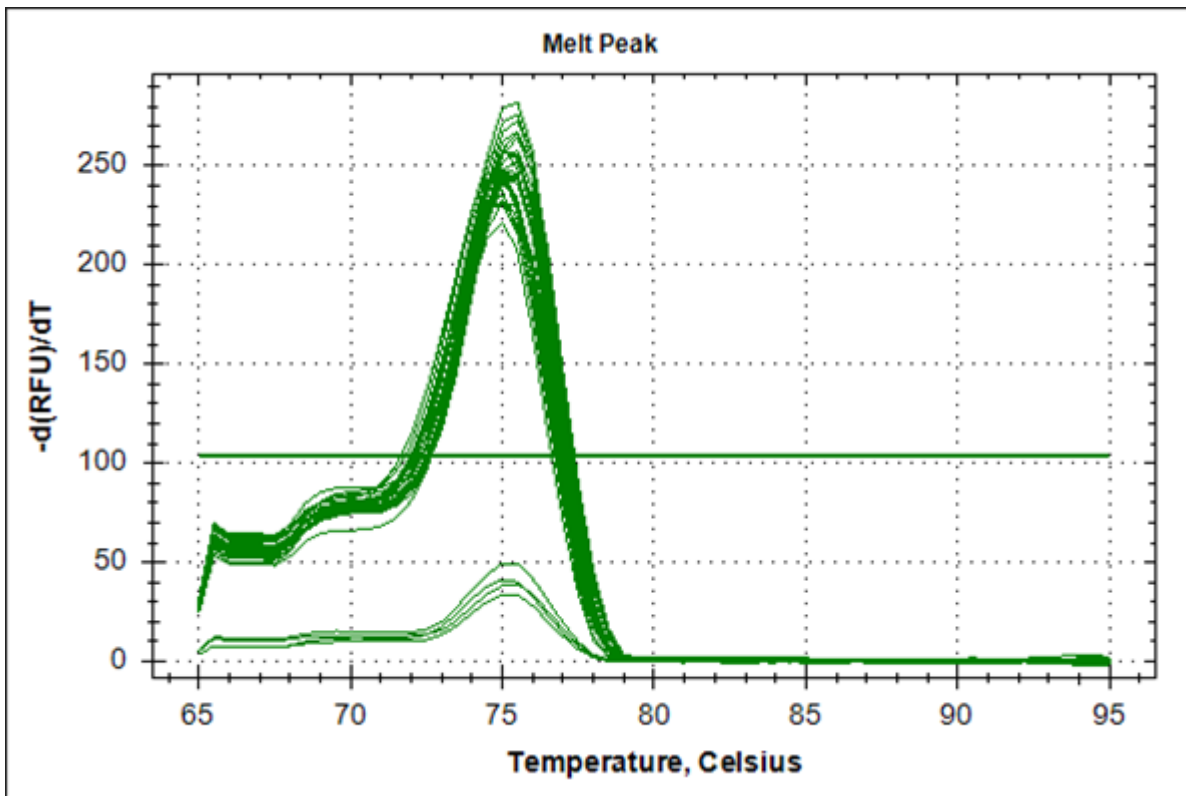
Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	3KDS	Unkn-01	C1	33.77	33.90	0.183

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A02	SYBR	3KDS	Unkn-01	C1	34.02	33.90	0.183
A03	SYBR	3KDS	Unkn-02	E1	33.12	33.13	0.019
A04	SYBR	3KDS	Unkn-02	E1	33.14	33.13	0.019
A05	SYBR	3KDS	NTC		N/A	0.00	0.000
B01	SYBR	3KDS	Unkn-03	C2	35.19	34.80	0.547
B02	SYBR	3KDS	Unkn-03	C2	34.41	34.80	0.547
B03	SYBR	3KDS	Unkn-04	E2	33.12	33.09	0.053
B04	SYBR	3KDS	Unkn-04	E2	33.05	33.09	0.053
B05	SYBR	3KDS	NTC		N/A	0.00	0.000
C01	SYBR	3KDS	Unkn-05	C3	33.09	33.00	0.124
C02	SYBR	3KDS	Unkn-05	C3	32.91	33.00	0.124
C03	SYBR	3KDS	Unkn-06	E3	32.92	32.84	0.108
C04	SYBR	3KDS	Unkn-06	E3	32.76	32.84	0.108
C05	SYBR	3KDS	NTC		N/A	0.00	0.000
D01	SYBR	3KDS	Unkn-07	C4	33.24	33.43	0.274
D02	SYBR	3KDS	Unkn-07	C4	33.62	33.43	0.274
D03	SYBR	3KDS	Unkn-08	E4	34.05	34.10	0.072
D04	SYBR	3KDS	Unkn-08	E4	34.15	34.10	0.072
D05	SYBR	3KDS	NTC		N/A	0.00	0.000
E01	SYBR	3KDS	Unkn-09	C5	33.37	33.35	0.035
E02	SYBR	3KDS	Unkn-09	C5	33.32	33.35	0.035
E03	SYBR	3KDS	Unkn-10	E5	33.32	33.50	0.253
E04	SYBR	3KDS	Unkn-10	E5	33.68	33.50	0.253
F01	SYBR	3KDS	Unkn-11	C6	33.66	33.72	0.077
F02	SYBR	3KDS	Unkn-11	C6	33.77	33.72	0.077
F03	SYBR	3KDS	Unkn-12	E6	34.17	34.16	0.018
F04	SYBR	3KDS	Unkn-12	E6	34.15	34.16	0.018
G01	SYBR	3KDS	Unkn-13	C7	32.76	32.74	0.031
G02	SYBR	3KDS	Unkn-13	C7	32.71	32.74	0.031
G03	SYBR	3KDS	Unkn-14	E7	33.50	33.48	0.030
G04	SYBR	3KDS	Unkn-14	E7	33.46	33.48	0.030
H01	SYBR	3KDS	Unkn-15	C8	34.56	34.24	0.455
H02	SYBR	3KDS	Unkn-15	C8	33.91	34.24	0.455
H03	SYBR	3KDS	Unkn-16	E8	33.69	33.86	0.237
H04	SYBR	3KDS	Unkn-16	E8	34.02	33.86	0.237

Melt Curve

Step #: 7





Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	3KDS	Unkn-01	C1	75.00
A02	SYBR	3KDS	Unkn-01	C1	75.50
A03	SYBR	3KDS	Unkn-02	E1	75.00
A04	SYBR	3KDS	Unkn-02	E1	75.00
A05	SYBR	3KDS	NTC		None
B01	SYBR	3KDS	Unkn-03	C2	75.00
B02	SYBR	3KDS	Unkn-03	C2	75.00
B03	SYBR	3KDS	Unkn-04	E2	75.00
B04	SYBR	3KDS	Unkn-04	E2	75.00
B05	SYBR	3KDS	NTC		None
C01	SYBR	3KDS	Unkn-05	C3	75.50
C02	SYBR	3KDS	Unkn-05	C3	75.50
C03	SYBR	3KDS	Unkn-06	E3	75.00
C04	SYBR	3KDS	Unkn-06	E3	75.00
C05	SYBR	3KDS	NTC		None
D01	SYBR	3KDS	Unkn-07	C4	75.50
D02	SYBR	3KDS	Unkn-07	C4	75.50
D03	SYBR	3KDS	Unkn-08	E4	75.50
D04	SYBR	3KDS	Unkn-08	E4	75.00
D05	SYBR	3KDS	NTC		None
E01	SYBR	3KDS	Unkn-09	C5	75.50
E02	SYBR	3KDS	Unkn-09	C5	75.50
E03	SYBR	3KDS	Unkn-10	E5	75.00
E04	SYBR	3KDS	Unkn-10	E5	75.00
F01	SYBR	3KDS	Unkn-11	C6	75.50

Well	Fluor	Target	Content	Sample	Melt Temp
F02	SYBR	3KDS	Unkn-11	C6	75.50
F03	SYBR	3KDS	Unkn-12	E6	74.50
F04	SYBR	3KDS	Unkn-12	E6	74.50
G01	SYBR	3KDS	Unkn-13	C7	75.00
G02	SYBR	3KDS	Unkn-13	C7	75.00
G03	SYBR	3KDS	Unkn-14	E7	75.00
G04	SYBR	3KDS	Unkn-14	E7	75.00
H01	SYBR	3KDS	Unkn-15	C8	75.50
H02	SYBR	3KDS	Unkn-15	C8	75.00
H03	SYBR	3KDS	Unkn-16	E8	75.50
H04	SYBR	3KDS	Unkn-16	E8	75.00

QC Parameters

Description	Value	Use	Results	Exclude Wells	All excluded wells
Negative control with a Cq less than	38	True		False	
NTC with a Cq less than	38	True		False	
NRT with a Cq less than	38	True		False	
Positive control with a Cq greater than	30	True		False	
Unknown without a Cq	N/A	True		False	
Standard without a Cq	N/A	True		False	
Efficiency greater than	110.0	True			
Efficiency less than	90.0	True			
Std Curve R ² less than	0.980	True			
Replicate group Cq Std Dev greater than	0.20	True	SYBR:B1, B2, D1, D2, E3, E4, H1, H2, H3, H4.	False	