



Sam_2012-04-19_13-13-39_CC009827.pcrd

4/19/2012 3:09 PM

Report Information

User: BioRad/Sam

Data File Name: Sam_2012-04-19 13-13-39_CC009827.pcrd

Data File Path: C:\Users\srlab\Downloads

Well Group Name: All Wells

Report Differs from Last Save: Yes

Run Setup

Run Information

Run User: Sam

Run Date: 4/19/2012 1:13 PM

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: 60.0°C for 1:00

Plate Read

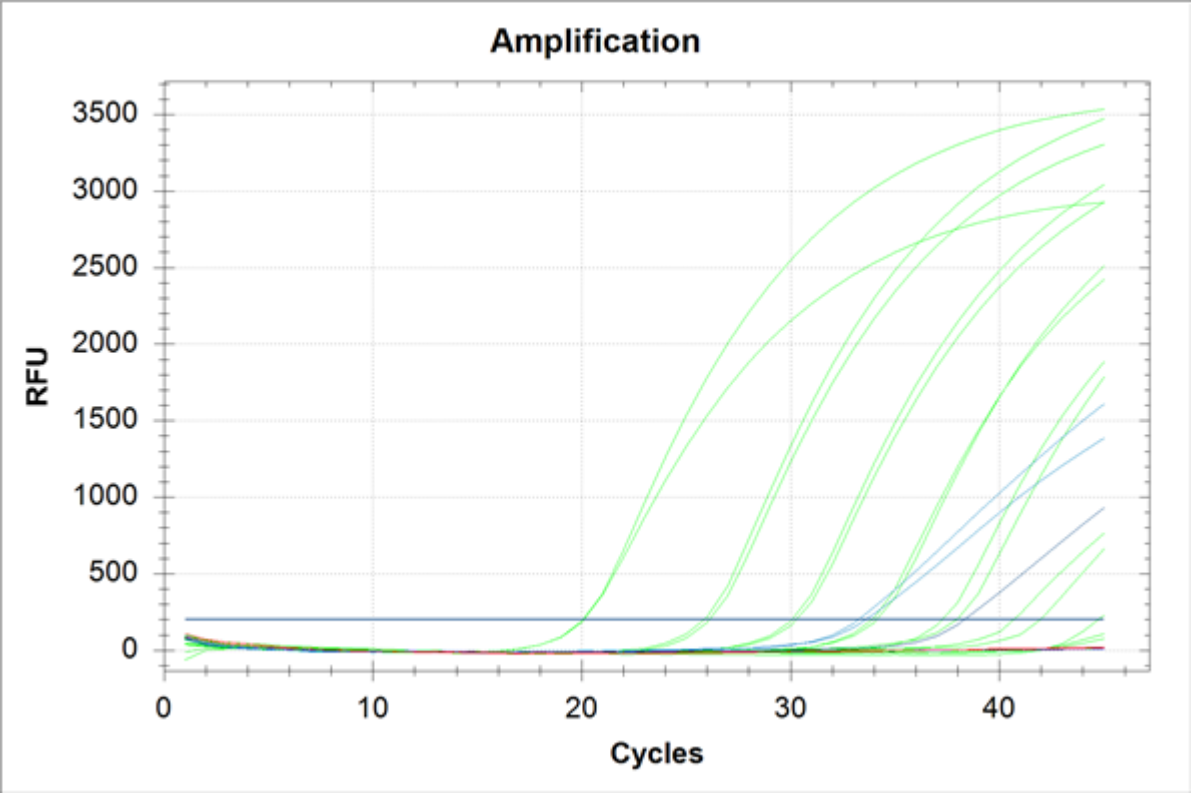
4: GOTO 2, 44 more times

Plate Display

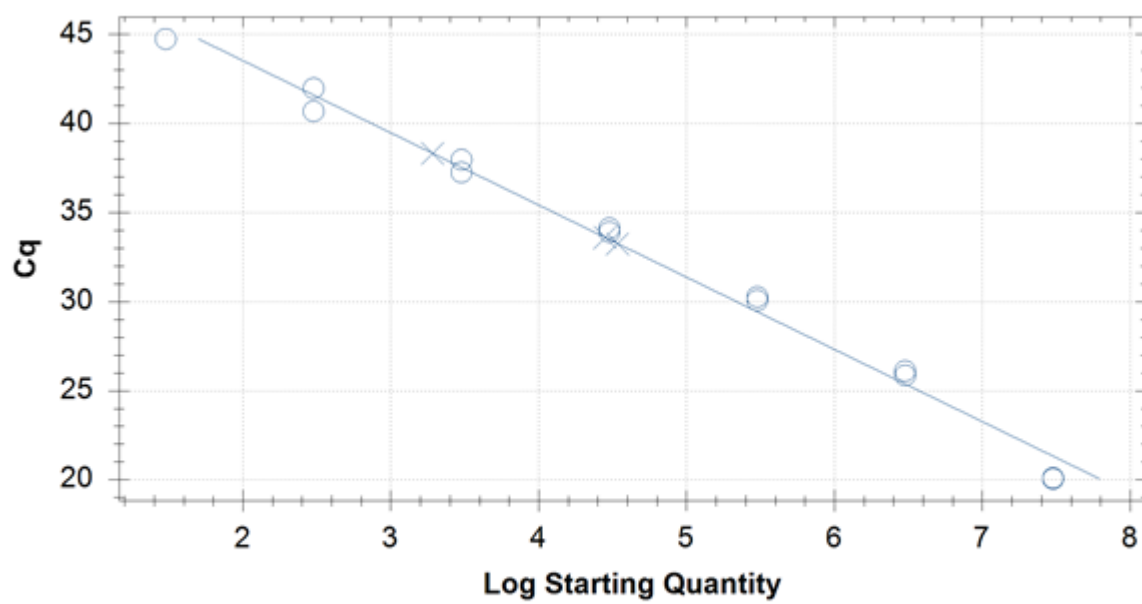
[illegible]

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
FAM: Auto Calculated
Threshold Setting:
FAM: 203.50, Auto Calculated



Standard Curve



○ Standard
× Unknown
— FAM E= 76.5% R²=0.990 Slope=-4.053 y-int=51.637

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev	Starting Quantity (SQ)	Log Starting Quantity	SQ Mean	SQ Std. Dev
A01	FAM	WSN1	Std-1	3e7	20.11	20.08	0.036	3.000E+07	7.477	3.00E+07	0.00E+00
A02	FAM	WSN1	Std-1	3e7	20.06	20.08	0.036	3.000E+07	7.477	3.00E+07	0.00E+00
A03	FAM	WSN1	Std-2	3e6	25.87	25.99	0.172	3.000E+06	6.477	3.00E+06	0.00E+00
A04	FAM	WSN1	Std-2	3e6	26.12	25.99	0.172	3.000E+06	6.477	3.00E+06	0.00E+00
A05	FAM	WSN1	Std-3	3e5	30.08	30.17	0.140	3.000E+05	5.477	3.00E+05	0.00E+00
A06	FAM	WSN1	Std-3	3e5	30.27	30.17	0.140	3.000E+05	5.477	3.00E+05	0.00E+00
A07	FAM	WSN1	Std-4	3e4	34.13	34.02	0.151	3.000E+04	4.477	3.00E+04	0.00E+00
A08	FAM	WSN1	Std-4	3e4	33.92	34.02	0.151	3.000E+04	4.477	3.00E+04	0.00E+00
A09	FAM	WSN1	Std-5	3e3	37.27	37.62	0.502	3.000E+03	3.477	3.00E+03	0.00E+00
A10	FAM	WSN1	Std-5	3e3	37.98	37.62	0.502	3.000E+03	3.477	3.00E+03	0.00E+00
A11	FAM	WSN1	Std-6	3e2	41.98	41.34	0.910	3.000E+02	2.477	3.00E+02	0.00E+00
A12	FAM	WSN1	Std-6	3e2	40.69	41.34	0.910	3.000E+02	2.477	3.00E+02	0.00E+00
B01	FAM	WSN1	Std-7	3e1	44.75	44.75	0.000	3.000E+01	1.477	3.00E+01	0.00E+00
B02	FAM	WSN1	Std-7	3e1	N/A	0.00	0.000	3.000E+01	1.477	0.00E+00	0.00E+00
B03	FAM	WSN1	Std-8	3e0	N/A	0.00	0.000	3.000E+00	0.477	0.00E+00	0.00E+00
B04	FAM	WSN1	Std-8	3e0	N/A	0.00	0.000	3.000E+00	0.477	0.00E+00	0.00E+00
B05	FAM	WSN1	Unkn-1	Blacks	38.33	38.33	0.000	1.914E+03	3.282	1.91E+03	0.00E+00
B06	FAM	WSN1	Unkn-1	Blacks	N/A	0.00	0.000	N/A	N/A	0.00E+00	0.00E+00
B07	FAM	WSN1	Unkn-2	Big Red	33.26	33.44	0.246	3.416E+04	4.533	3.11E+04	4.33E+03
B08	FAM	WSN1	Unkn-2	Big Red	33.61	33.44	0.246	2.803E+04	4.448	3.11E+04	4.33E+03
B09	FAM	WSN1	Unkn-3	Round Red	N/A	0.00	0.000	N/A	N/A	0.00E+00	0.00E+00
B10	FAM	WSN1	Unkn-3	Round Red	N/A	0.00	0.000	N/A	N/A	0.00E+00	0.00E+00
B11	FAM	WSN1	NTC		N/A	0.00	0.000	N/A	N/A	0.00E+00	0.00E+00
B12	FAM	WSN1	NTC		N/A	0.00	0.000	N/A	N/A	0.00E+00	0.00E+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	FAM:B6, B9, B10.	False	
Standard without a Cq	N/A	True	FAM:B2, B3, B4.	False	
Efficiency greater than	110.0	True			
Efficiency less than	90.0	True	FAM		
Std Curve R^2 less than	0.980	True			
Replicate group Cq Std Dev greater than	0.20	True	FAM:A9, A10, A11, A12, B7, B8.	False	