

Quantification

Step #: 3

Analysis Mode: Fluorophore

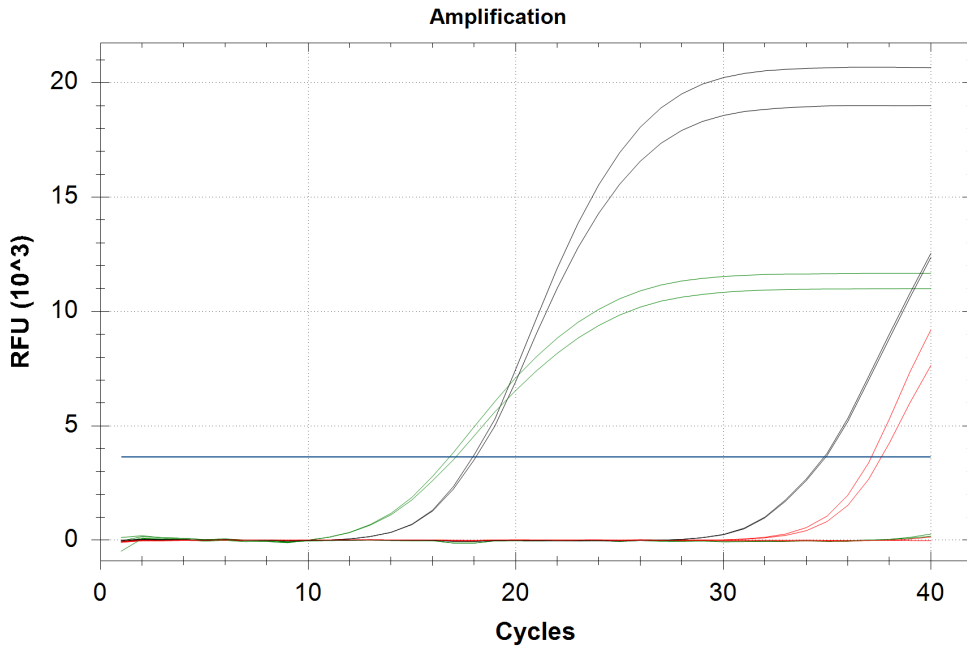
Cq Determination: Single Threshold

Baseline Method:

FAM: Auto Calculated

Threshold Setting:

FAM: 3628.25, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	FAM	18s	Unkn-1	BB15 gDNA	17.11	16.95	0.214
A02	FAM	18s	Unkn-1	BB15 gDNA	16.80	16.95	0.214
A03	FAM	18s	Unkn-2	BB16 gDNA	18.08	18.00	0.107
A04	FAM	18s	Unkn-2	BB16 gDNA	17.92	18.00	0.107
A05	FAM	18s	NTC-1		37.61	37.37	0.339
A06	FAM	18s	NTC-1		37.13	37.37	0.339
B01	FAM	EF1a	Unkn-3	BB15 gDNA	N/A	0.00	0.000
B02	FAM	EF1a	Unkn-3	BB15 gDNA	N/A	0.00	0.000
B03	FAM	EF1a	Unkn-4	BB16 gDNA	34.93	34.89	0.058
B04	FAM	EF1a	Unkn-4	BB16 gDNA	34.85	34.89	0.058
B05	FAM	EF1a	NTC-2		N/A	0.00	0.000
B06	FAM	EF1a	NTC-2		N/A	0.00	0.000

QC Parameters

Data

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	FAM:A5, A6.	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:B1, B2.	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	FAM:A1, A2, A5, A6.	False	