

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-3 IL17- int(255/6) pooled_cD NA	Unk-3 IL17- int(255/6) pooled_cD NA	NTC-3 IL17- int(255/6)	NTC-3 IL17- int(255/6)	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR
D	Unk-4 TLR2.1(162 9/30) pooled_cD NA	Unk-4 TLR2.1(162 9/30) pooled_cD NA	NTC-4 TLR2.1(162 9/30)	NTC-4 TLR2.1(162 9/30)	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR
E	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR
F	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR
G	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR
H	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR	*Unk SYBR

Quantification

Step #: 3

Analysis Mode: Target

Cq Determination: Single Threshold

Baseline Method:

IL17-int(255/6): Auto Calculated

HSP70c (1626/5): Auto Calculated

Cg_DEF (1160/1): Auto Calculated

TLR2.1(1629/30): Auto Calculated

Threshold Setting:

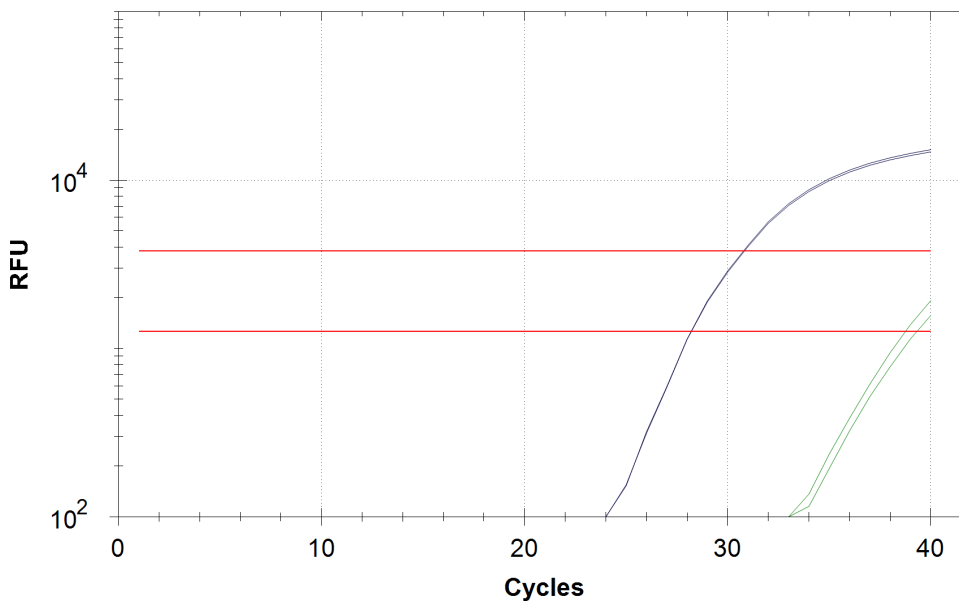
IL17-int(255/6): 3800.77, Auto Calculated

HSP70c (1626/5): None, Auto Calculated

Cg_DEF (1160/1): 1262.80, Auto Calculated

TLR2.1(1629/30): None, Auto Calculated

Amplification

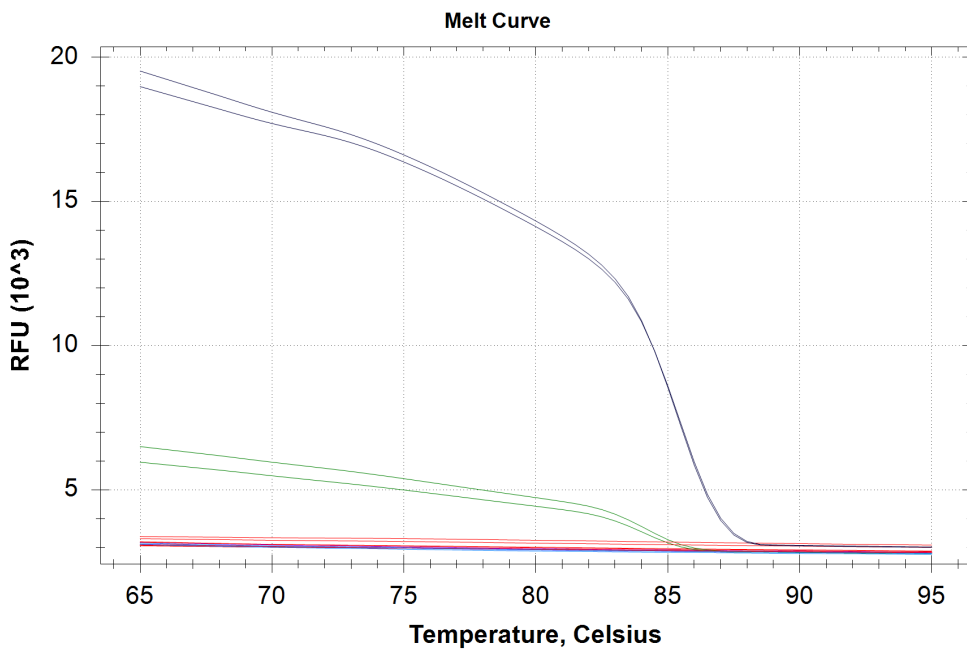


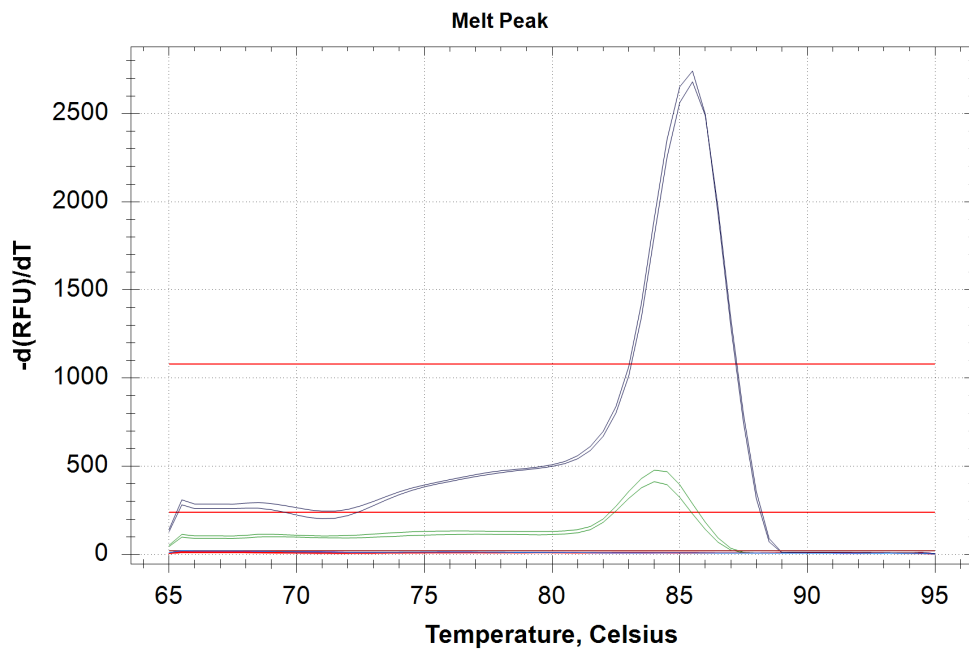
Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_DEF (1160/1)	Unkn-1	pooled_cDNA		38.72	39.00	0.400
A02	SYBR	Cg_DEF (1160/1)	Unkn-1	pooled_cDNA		39.29	39.00	0.400
A03	SYBR	Cg_DEF (1160/1)	NTC-1		Urine	N/A	0.00	0.000
A04	SYBR	Cg_DEF (1160/1)	NTC-1		Urine	N/A	0.00	0.000
B01	SYBR	HSP70c (1626/5)	Unkn-2	pooled_cDNA		N/A	0.00	0.000
B02	SYBR	HSP70c (1626/5)	Unkn-2	pooled_cDNA		N/A	0.00	0.000
B03	SYBR	HSP70c (1626/5)	NTC-2			N/A	0.00	0.000
B04	SYBR	HSP70c (1626/5)	NTC-2			N/A	0.00	0.000
C01	SYBR	IL17-int(255/6)	Unkn-3	pooled_cDNA		30.81	30.78	0.039
C02	SYBR	IL17-int(255/6)	Unkn-3	pooled_cDNA		30.75	30.78	0.039
C03	SYBR	IL17-int(255/6)	NTC-3			N/A	0.00	0.000
C04	SYBR	IL17-int(255/6)	NTC-3			N/A	0.00	0.000
D01	SYBR	TLR2.1(1629/30)	Unkn-4	pooled_cDNA		N/A	0.00	0.000
D02	SYBR	TLR2.1(1629/30)	Unkn-4	pooled_cDNA		N/A	0.00	0.000
D03	SYBR	TLR2.1(1629/30)	NTC-4			N/A	0.00	0.000
D04	SYBR	TLR2.1(1629/30)	NTC-4			N/A	0.00	0.000

Melt Curve

Step #: 5





Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	Cg_DEF (1160/1)	Unkn-1	pooled_cDNA	84.00
A02	SYBR	Cg_DEF (1160/1)	Unkn-1	pooled_cDNA	84.00
A03	SYBR	Cg_DEF (1160/1)	NTC-1		None
A04	SYBR	Cg_DEF (1160/1)	NTC-1		None
B01	SYBR	HSP70c (1626/5)	Unkn-2	pooled_cDNA	None
B02	SYBR	HSP70c (1626/5)	Unkn-2	pooled_cDNA	None
B03	SYBR	HSP70c (1626/5)	NTC-2		None
B04	SYBR	HSP70c (1626/5)	NTC-2		None
C01	SYBR	IL17-int(255/6)	Unkn-3	pooled_cDNA	85.50
C02	SYBR	IL17-int(255/6)	Unkn-3	pooled_cDNA	85.50
C03	SYBR	IL17-int(255/6)	NTC-3		None
C04	SYBR	IL17-int(255/6)	NTC-3		None
D01	SYBR	TLR2.1(1629/30)	Unkn-4	pooled_cDNA	None
D02	SYBR	TLR2.1(1629/30)	Unkn-4	pooled_cDNA	None
D03	SYBR	TLR2.1(1629/30)	NTC-4		None
D04	SYBR	TLR2.1(1629/30)	NTC-4		None

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		False	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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	HSP70c (1626/5):B1, B2. TLR2.1(1629/30):D1, D2.	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	Cg_DEF (1160/1):A1, A2.	False	