



sam_2020-08-25 06-59-18_BR006896.pcrd

08/25/2020 09:31

Report Information

User: BioRad/sam
Data File Name: sam_2020-08-25 06-59-18_BR006896.pcrd
Data File Path: F:\
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 08/25/2020 06:59
Run User: sam
Run Type: User-defined
Plate File: 20200825_pgen_TIF3s6b-v2-v3.pltd
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: BR006896
Optical Head Serial Number: 788BR07000

Protocol

- 1: 98.0°C for 2:00
- 2: 98.0°C for 0:02
- 3: 60.0°C for 0:05
Plate Read
- 4: GOTO 2, 39 more times
- 5: Melt Curve 70.0°C to 95.0°C: Increment 0.2°C 0:10
Plate Read

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 TIF3s6b_v2 19	Unk-1 TIF3s6b_v2 19	Unk-2 TIF3s6b_v2 21	Unk-2 TIF3s6b_v2 21	Unk-3 TIF3s6b_v2 27	Unk-3 TIF3s6b_v2 27	Unk-4 TIF3s6b_v2 28	Unk-4 TIF3s6b_v2 28	Unk TIF3s6b_v2 31-59	Unk TIF3s6b_v2 31	Unk-5 TIF3s6b_v2 37	Unk-5 TIF3s6b_v2 37
B	Unk-6 TIF3s6b_v2 39	Unk-6 TIF3s6b_v2 39	Unk-7 TIF3s6b_v2 43	Unk-7 TIF3s6b_v2 43	Unk-8 TIF3s6b_v2 54	Unk-8 TIF3s6b_v2 54	Unk-9 TIF3s6b_v2 55(2)	Unk-9 TIF3s6b_v2 55(2)	Unk-10 TIF3s6b_v2 57	Unk-10 TIF3s6b_v2 57	Unk-11 TIF3s6b_v2 59	Unk-11 TIF3s6b_v2 59
C	Unk-12 TIF3s6b_v2 61	Unk-12 TIF3s6b_v2 61	Pos-1 TIF3s6b_v2	Pos-1 TIF3s6b_v2	NTC-1 TIF3s6b_v2	NTC-1 TIF3s6b_v2						
D	Unk-13 TIF3s6b_v3 19	Unk-13 TIF3s6b_v3 19	Unk-14 TIF3s6b_v3 21	Unk-14 TIF3s6b_v3 21	Unk-15 TIF3s6b_v3 27	Unk-15 TIF3s6b_v3 27	Unk-16 TIF3s6b_v3 28	Unk-16 TIF3s6b_v3 28	Unk-17 TIF3s6b_v3 31	Unk-17 TIF3s6b_v3 31	Unk-18 TIF3s6b_v3 37	Unk-18 TIF3s6b_v3 37
E	Unk-19 TIF3s6b_v3 39	Unk-19 TIF3s6b_v3 39	Unk-20 TIF3s6b_v3 43	Unk-20 TIF3s6b_v3 43	Unk-21 TIF3s6b_v3 54	Unk-21 TIF3s6b_v3 54	Unk-22 TIF3s6b_v3 55(2)	Unk-22 TIF3s6b_v3 55(2)	Unk-23 TIF3s6b_v3 57	Unk-23 TIF3s6b_v3 57	Unk-24 TIF3s6b_v3 59	Unk-24 TIF3s6b_v3 59

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
F	Unk-25 TIF3s6b_v3 61	Unk-25 TIF3s6b_v3 61	Pos-2 TIF3s6b_v3	Pos-2 TIF3s6b_v3	NTC-2 TIF3s6b_v3	NTC-2 TIF3s6b_v3						
G												
H												

Quantification

Step #: 3

Analysis Mode: Fluorophore

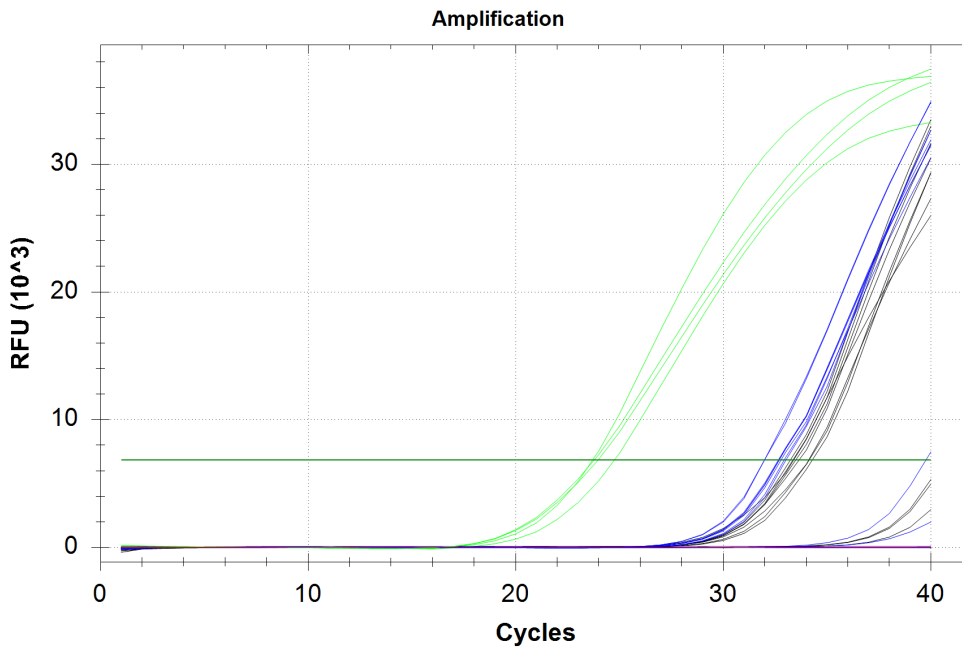
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 6823.39, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	TIF3s6b_v2	Unkn-01	19	N/A	0.00	0.000
A02	SYBR	TIF3s6b_v2	Unkn-01	19	N/A	0.00	0.000
A03	SYBR	TIF3s6b_v2	Unkn-02	21	N/A	0.00	0.000
A04	SYBR	TIF3s6b_v2	Unkn-02	21	N/A	0.00	0.000
A05	SYBR	TIF3s6b_v2	Unkn-03	27	34.28	34.21	0.108
A06	SYBR	TIF3s6b_v2	Unkn-03	27	34.13	34.21	0.108
A07	SYBR	TIF3s6b_v2	Unkn-04	28	N/A	0.00	0.000
A08	SYBR	TIF3s6b_v2	Unkn-04	28	N/A	0.00	0.000
A09	SYBR	TIF3s6b_v2	Unkn	31-59	33.38	33.38	0.000
A10	SYBR	TIF3s6b_v2	Unkn	31	34.11	34.11	0.000
A11	SYBR	TIF3s6b_v2	Unkn-05	37	N/A	0.00	0.000
A12	SYBR	TIF3s6b_v2	Unkn-05	37	N/A	0.00	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
B01	SYBR	TIF3s6b_v2	Unkn-06	39	N/A	0.00	0.000
B02	SYBR	TIF3s6b_v2	Unkn-06	39	N/A	0.00	0.000
B03	SYBR	TIF3s6b_v2	Unkn-07	43	N/A	0.00	0.000
B04	SYBR	TIF3s6b_v2	Unkn-07	43	N/A	0.00	0.000
B05	SYBR	TIF3s6b_v2	Unkn-08	54	N/A	0.00	0.000
B06	SYBR	TIF3s6b_v2	Unkn-08	54	N/A	0.00	0.000
B07	SYBR	TIF3s6b_v2	Unkn-09	55(2)	N/A	0.00	0.000
B08	SYBR	TIF3s6b_v2	Unkn-09	55(2)	N/A	0.00	0.000
B09	SYBR	TIF3s6b_v2	Unkn-10	57	33.48	33.56	0.111
B10	SYBR	TIF3s6b_v2	Unkn-10	57	33.64	33.56	0.111
B11	SYBR	TIF3s6b_v2	Unkn-11	59	N/A	0.00	0.000
B12	SYBR	TIF3s6b_v2	Unkn-11	59	N/A	0.00	0.000
C01	SYBR	TIF3s6b_v2	Unkn-12	61	33.23	33.29	0.087
C02	SYBR	TIF3s6b_v2	Unkn-12	61	33.35	33.29	0.087
C03	SYBR	TIF3s6b_v2	Pos Ctrl-01		23.70	24.22	0.742
C04	SYBR	TIF3s6b_v2	Pos Ctrl-01		24.75	24.22	0.742
C05	SYBR	TIF3s6b_v2	NTC-01		N/A	0.00	0.000
C06	SYBR	TIF3s6b_v2	NTC-01		N/A	0.00	0.000
D01	SYBR	TIF3s6b_v3	Unkn-13	19	N/A	0.00	0.000
D02	SYBR	TIF3s6b_v3	Unkn-13	19	N/A	0.00	0.000
D03	SYBR	TIF3s6b_v3	Unkn-14	21	N/A	0.00	0.000
D04	SYBR	TIF3s6b_v3	Unkn-14	21	N/A	0.00	0.000
D05	SYBR	TIF3s6b_v3	Unkn-15	27	33.01	32.97	0.060
D06	SYBR	TIF3s6b_v3	Unkn-15	27	32.93	32.97	0.060
D07	SYBR	TIF3s6b_v3	Unkn-16	28	N/A	0.00	0.000
D08	SYBR	TIF3s6b_v3	Unkn-16	28	N/A	0.00	0.000
D09	SYBR	TIF3s6b_v3	Unkn-17	31	32.78	32.73	0.071
D10	SYBR	TIF3s6b_v3	Unkn-17	31	32.68	32.73	0.071
D11	SYBR	TIF3s6b_v3	Unkn-18	37	N/A	0.00	0.000
D12	SYBR	TIF3s6b_v3	Unkn-18	37	N/A	0.00	0.000
E01	SYBR	TIF3s6b_v3	Unkn-19	39	N/A	0.00	0.000
E02	SYBR	TIF3s6b_v3	Unkn-19	39	N/A	0.00	0.000
E03	SYBR	TIF3s6b_v3	Unkn-20	43	N/A	0.00	0.000
E04	SYBR	TIF3s6b_v3	Unkn-20	43	N/A	0.00	0.000
E05	SYBR	TIF3s6b_v3	Unkn-21	54	N/A	0.00	0.000
E06	SYBR	TIF3s6b_v3	Unkn-21	54	N/A	0.00	0.000
E07	SYBR	TIF3s6b_v3	Unkn-22	55(2)	N/A	0.00	0.000
E08	SYBR	TIF3s6b_v3	Unkn-22	55(2)	N/A	0.00	0.000
E09	SYBR	TIF3s6b_v3	Unkn-23	57	32.65	32.67	0.030
E10	SYBR	TIF3s6b_v3	Unkn-23	57	32.69	32.67	0.030
E11	SYBR	TIF3s6b_v3	Unkn-24	59	39.75	39.75	0.000
E12	SYBR	TIF3s6b_v3	Unkn-24	59	N/A	0.00	0.000
F01	SYBR	TIF3s6b_v3	Unkn-25	61	31.98	31.98	0.001
F02	SYBR	TIF3s6b_v3	Unkn-25	61	31.98	31.98	0.001
F03	SYBR	TIF3s6b_v3	Pos Ctrl-02		23.96	23.87	0.136
F04	SYBR	TIF3s6b_v3	Pos Ctrl-02		23.77	23.87	0.136

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
F05	SYBR	TIF3s6b_v3	NTC-02		N/A	0.00	0.000
F06	SYBR	TIF3s6b_v3	NTC-02		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		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	SYBR:A1, A2, A3, A4, A7, A8, A11, A12, B1, B2, B3, B4, B5, B6, B7, B8, B11, B12, D1, D2, D3, D4, D7, D8, D11, D12, E1, E2, E3, E4, E5, E6, E7, E8, E12.	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:C3, C4.	False	