sam_2025-06-09_13-59-10_CFX96-GAPDH.pcrd

6/12/2025 10:08

Report Information

User: BioRad/sam
Data File Name: sam_2025-06-09_13-59-10_CFX96-GAPDH.pcrd
Data File Path: C:\Users\Samb\Downloads\qPCR-20250609
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 6/9/2025 13:59
Run User: sam
Run Type: User-defined
Plate File: cgig-02-GAPDH-cfx-plate.pltd
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: CC009827
Optical Head Serial Number: 785BR3659

Protocol

1: 95.0°C for 0:30
2: 95.0°C for 0:03
3: 60.0°C for 0:05
Plate Read
4: GOTO 2, 39 more times
5: Melt Curve 65.0°C to 95.0°C: Increment 0.5°C 0:05
Plate Read

Plate Display

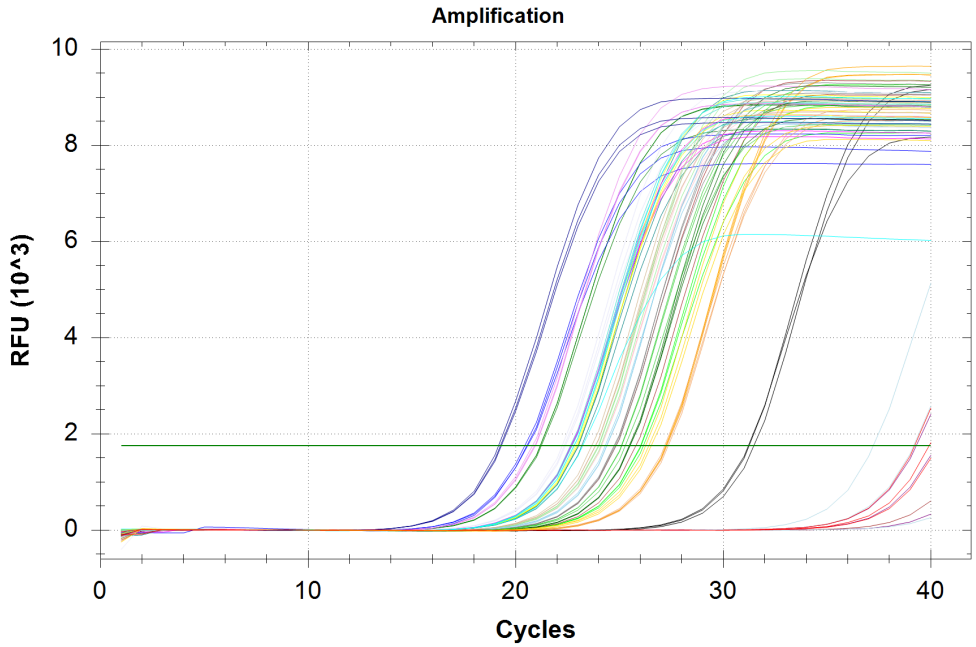
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 GAPDH 12	Unk-1 GAPDH 12	Unk-1 GAPDH 12	Unk-2 GAPDH 14	Unk-2 GAPDH 14	Unk-2 GAPDH 14	Unk-3 GAPDH 15	Unk-3 GAPDH 15	Unk-3 GAPDH 15	Unk-4 GAPDH 18	Unk-4 GAPDH 18	Unk-4 GAPDH 18
B	Unk-5 GAPDH 19	Unk-5 GAPDH 19	Unk-5 GAPDH 19	Unk-6 GAPDH 24	Unk-6 GAPDH 24	Unk-6 GAPDH 24	Unk-7 GAPDH 25	Unk-7 GAPDH 25	Unk-7 GAPDH 25	Unk-8 GAPDH 29	Unk-8 GAPDH 29	Unk-8 GAPDH 29
C	Unk-9 GAPDH 39	Unk-9 GAPDH 39	Unk-9 GAPDH 39	Unk-10 GAPDH 40	Unk-10 GAPDH 40	Unk-10 GAPDH 40	Unk-11 GAPDH 43	Unk-11 GAPDH 43	Unk-11 GAPDH 43	Unk-12 GAPDH 49	Unk-12 GAPDH 49	Unk-12 GAPDH 49
D	Unk-13 GAPDH 53	Unk-13 GAPDH 53	Unk-13 GAPDH 53	Unk-14 GAPDH 59	Unk-14 GAPDH 59	Unk-14 GAPDH 59	Unk-15 GAPDH 60	Unk-15 GAPDH 60	Unk-15 GAPDH 60	Unk-16 GAPDH 62	Unk-16 GAPDH 62	Unk-16 GAPDH 62
E	Unk-17 GAPDH 63	Unk-17 GAPDH 63	Unk-17 GAPDH 63	Unk-18 GAPDH 66	Unk-18 GAPDH 66	Unk-18 GAPDH 66	Unk-19 GAPDH 69	Unk-19 GAPDH 69	Unk-19 GAPDH 69	Unk-20 GAPDH 71	Unk-20 GAPDH 71	Unk-20 GAPDH 71

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
F	Unk-21 GAPDH 73	Unk-21 GAPDH 73	Unk-21 GAPDH 73	Unk-22 GAPDH 75	Unk-22 GAPDH 75	Unk-22 GAPDH 75	Unk-23 GAPDH 79	Unk-23 GAPDH 79	Unk-23 GAPDH 79	Unk-24 GAPDH 81	Unk-24 GAPDH 81	Unk-24 GAPDH 81
G	Unk-25 GAPDH 89	Unk-25 GAPDH 89	Unk-25 GAPDH 89	NTC-1 GAPDH	NTC-1 GAPDH	NTC-1 GAPDH						
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 1753.15, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	GAPDH	Unkn-01	12	26.15	26.07	0.070
A02	SYBR	GAPDH	Unkn-01	12	26.04	26.07	0.070
A03	SYBR	GAPDH	Unkn-01	12	26.02	26.07	0.070
A04	SYBR	GAPDH	Unkn-02	14	N/A	0.00	0.000
A05	SYBR	GAPDH	Unkn-02	14	N/A	0.00	0.000
A06	SYBR	GAPDH	Unkn-02	14	39.29	39.29	0.000
A07	SYBR	GAPDH	Unkn-03	15	21.18	21.20	0.030
A08	SYBR	GAPDH	Unkn-03	15	21.18	21.20	0.030
A09	SYBR	GAPDH	Unkn-03	15	21.23	21.20	0.030
A10	SYBR	GAPDH	Unkn-04	18	20.44	20.52	0.070
A11	SYBR	GAPDH	Unkn-04	18	20.54	20.52	0.070

Quantification Data

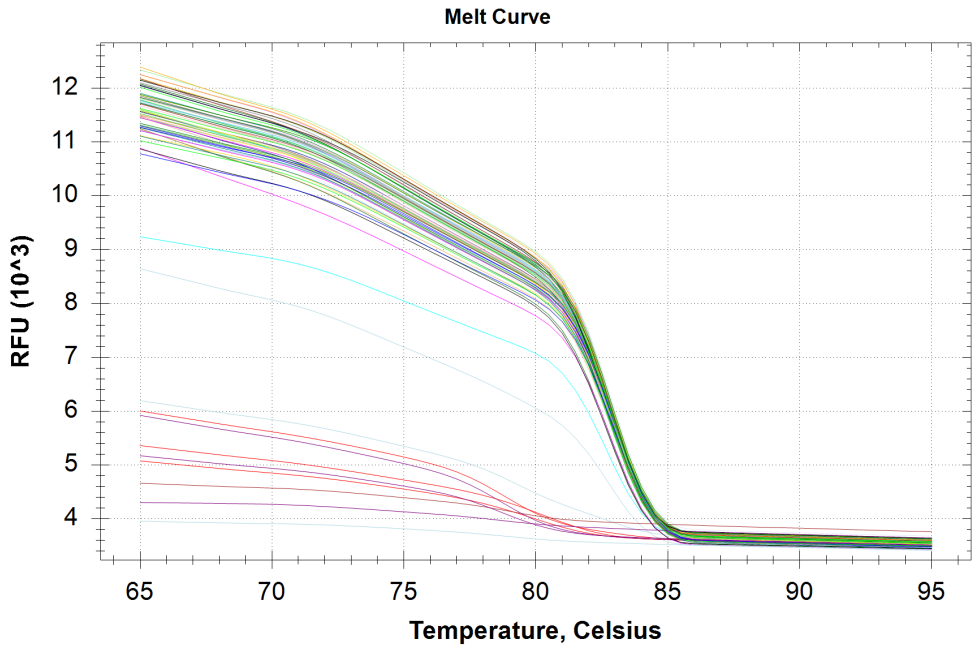
Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A12	SYBR	GAPDH	Unkn-04	18	20.57	20.52	0.070
B01	SYBR	GAPDH	Unkn-05	19	24.14	24.08	0.090
B02	SYBR	GAPDH	Unkn-05	19	24.13	24.08	0.090
B03	SYBR	GAPDH	Unkn-05	19	23.98	24.08	0.090
B04	SYBR	GAPDH	Unkn-06	24	25.79	25.31	0.678
B05	SYBR	GAPDH	Unkn-06	24	N/A	0.00	0.000
B06	SYBR	GAPDH	Unkn-06	24	24.83	25.31	0.678
B07	SYBR	GAPDH	Unkn-07	25	31.24	31.31	0.142
B08	SYBR	GAPDH	Unkn-07	25	31.47	31.31	0.142
B09	SYBR	GAPDH	Unkn-07	25	31.21	31.31	0.142
B10	SYBR	GAPDH	Unkn-08	29	37.22	38.20	1.378
B11	SYBR	GAPDH	Unkn-08	29	39.17	38.20	1.378
B12	SYBR	GAPDH	Unkn-08	29	N/A	0.00	0.000
C01	SYBR	GAPDH	Unkn-09	39	23.18	23.07	0.091
C02	SYBR	GAPDH	Unkn-09	39	23.02	23.07	0.091
C03	SYBR	GAPDH	Unkn-09	39	23.02	23.07	0.091
C04	SYBR	GAPDH	Unkn-10	40	27.27	27.24	0.020
C05	SYBR	GAPDH	Unkn-10	40	27.23	27.24	0.020
C06	SYBR	GAPDH	Unkn-10	40	27.23	27.24	0.020
C07	SYBR	GAPDH	Unkn-11	43	24.01	24.03	0.058
C08	SYBR	GAPDH	Unkn-11	43	23.99	24.03	0.058
C09	SYBR	GAPDH	Unkn-11	43	24.10	24.03	0.058
C10	SYBR	GAPDH	Unkn-12	49	22.67	22.67	0.012
C11	SYBR	GAPDH	Unkn-12	49	22.66	22.67	0.012
C12	SYBR	GAPDH	Unkn-12	49	22.69	22.67	0.012
D01	SYBR	GAPDH	Unkn-13	53	22.96	22.94	0.046
D02	SYBR	GAPDH	Unkn-13	53	22.89	22.94	0.046
D03	SYBR	GAPDH	Unkn-13	53	22.97	22.94	0.046
D04	SYBR	GAPDH	Unkn-14	59	24.31	24.36	0.043
D05	SYBR	GAPDH	Unkn-14	59	24.39	24.36	0.043
D06	SYBR	GAPDH	Unkn-14	59	24.38	24.36	0.043
D07	SYBR	GAPDH	Unkn-15	60	24.77	24.78	0.052
D08	SYBR	GAPDH	Unkn-15	60	24.74	24.78	0.052
D09	SYBR	GAPDH	Unkn-15	60	24.84	24.78	0.052
D10	SYBR	GAPDH	Unkn-16	62	25.11	25.16	0.103
D11	SYBR	GAPDH	Unkn-16	62	25.09	25.16	0.103
D12	SYBR	GAPDH	Unkn-16	62	25.28	25.16	0.103
E01	SYBR	GAPDH	Unkn-17	63	27.18	27.27	0.085
E02	SYBR	GAPDH	Unkn-17	63	27.28	27.27	0.085
E03	SYBR	GAPDH	Unkn-17	63	27.35	27.27	0.085
E04	SYBR	GAPDH	Unkn-18	66	20.91	20.89	0.073
E05	SYBR	GAPDH	Unkn-18	66	20.95	20.89	0.073
E06	SYBR	GAPDH	Unkn-18	66	20.81	20.89	0.073
E07	SYBR	GAPDH	Unkn-19	69	25.47	25.49	0.022
E08	SYBR	GAPDH	Unkn-19	69	25.51	25.49	0.022
E09	SYBR	GAPDH	Unkn-19	69	25.50	25.49	0.022
E10	SYBR	GAPDH	Unkn-20	71	22.63	22.68	0.046
E11	SYBR	GAPDH	Unkn-20	71	22.72	22.68	0.046
E12	SYBR	GAPDH	Unkn-20	71	22.71	22.68	0.046

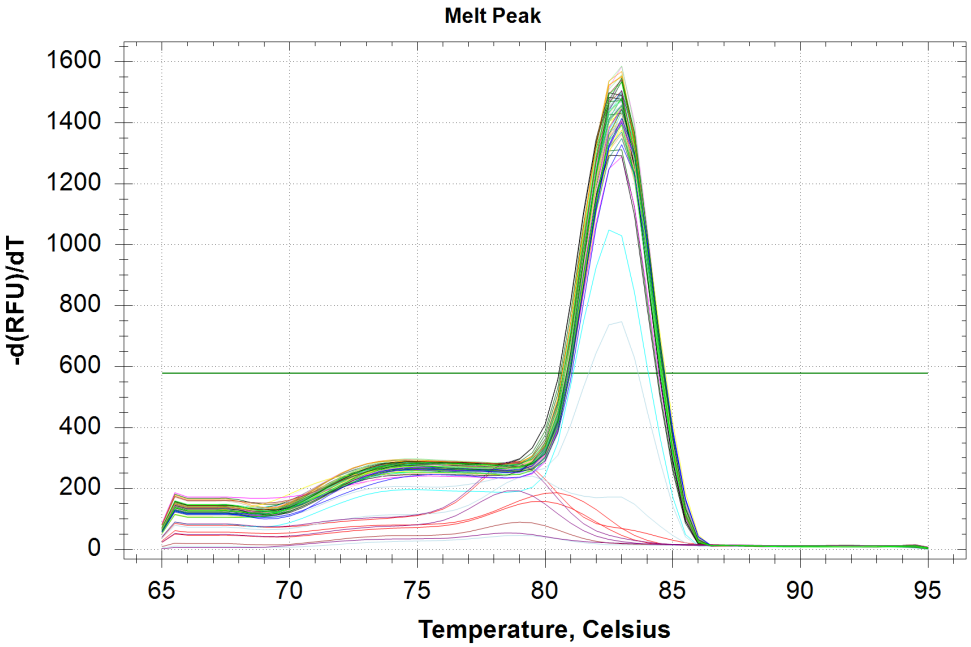
Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
F01	SYBR	GAPDH	Unkn-21	73	22.39	22.32	0.078
F02	SYBR	GAPDH	Unkn-21	73	22.24	22.32	0.078
F03	SYBR	GAPDH	Unkn-21	73	22.34	22.32	0.078
F04	SYBR	GAPDH	Unkn-22	75	19.26	19.25	0.069
F05	SYBR	GAPDH	Unkn-22	75	19.17	19.25	0.069
F06	SYBR	GAPDH	Unkn-22	75	19.31	19.25	0.069
F07	SYBR	GAPDH	Unkn-23	79	23.66	23.78	0.104
F08	SYBR	GAPDH	Unkn-23	79	23.85	23.78	0.104
F09	SYBR	GAPDH	Unkn-23	79	23.83	23.78	0.104
F10	SYBR	GAPDH	Unkn-24	81	22.81	22.95	0.241
F11	SYBR	GAPDH	Unkn-24	81	23.23	22.95	0.241
F12	SYBR	GAPDH	Unkn-24	81	22.81	22.95	0.241
G01	SYBR	GAPDH	Unkn-25	89	26.53	26.40	0.137
G02	SYBR	GAPDH	Unkn-25	89	26.41	26.40	0.137
G03	SYBR	GAPDH	Unkn-25	89	26.26	26.40	0.137
G04	SYBR	GAPDH	NTC-01		N/A	0.00	0.000
G05	SYBR	GAPDH	NTC-01		39.21	39.56	0.495
G06	SYBR	GAPDH	NTC-01		39.91	39.56	0.495

Melt Curve

Step #: 5





Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	GAPDH	Unkn-01	12	83.00
A02	SYBR	GAPDH	Unkn-01	12	83.00
A03	SYBR	GAPDH	Unkn-01	12	83.00
A04	SYBR	GAPDH	Unkn-02	14	None
A05	SYBR	GAPDH	Unkn-02	14	None
A06	SYBR	GAPDH	Unkn-02	14	None
A07	SYBR	GAPDH	Unkn-03	15	83.00
A08	SYBR	GAPDH	Unkn-03	15	83.00
A09	SYBR	GAPDH	Unkn-03	15	83.00
A10	SYBR	GAPDH	Unkn-04	18	83.00
A11	SYBR	GAPDH	Unkn-04	18	83.00
A12	SYBR	GAPDH	Unkn-04	18	83.00
B01	SYBR	GAPDH	Unkn-05	19	83.00
B02	SYBR	GAPDH	Unkn-05	19	83.00
B03	SYBR	GAPDH	Unkn-05	19	83.00
B04	SYBR	GAPDH	Unkn-06	24	83.00
B05	SYBR	GAPDH	Unkn-06	24	None
B06	SYBR	GAPDH	Unkn-06	24	83.00
B07	SYBR	GAPDH	Unkn-07	25	82.50
B08	SYBR	GAPDH	Unkn-07	25	82.50
B09	SYBR	GAPDH	Unkn-07	25	83.00
B10	SYBR	GAPDH	Unkn-08	29	83.00
B11	SYBR	GAPDH	Unkn-08	29	None
B12	SYBR	GAPDH	Unkn-08	29	None
C01	SYBR	GAPDH	Unkn-09	39	83.00
C02	SYBR	GAPDH	Unkn-09	39	83.00
C03	SYBR	GAPDH	Unkn-09	39	83.00
C04	SYBR	GAPDH	Unkn-10	40	83.00
C05	SYBR	GAPDH	Unkn-10	40	83.00

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
C06	SYBR	GAPDH	Unkn-10	40	83.00
C07	SYBR	GAPDH	Unkn-11	43	83.00
C08	SYBR	GAPDH	Unkn-11	43	83.00
C09	SYBR	GAPDH	Unkn-11	43	83.00
C10	SYBR	GAPDH	Unkn-12	49	83.00
C11	SYBR	GAPDH	Unkn-12	49	83.00
C12	SYBR	GAPDH	Unkn-12	49	83.00
D01	SYBR	GAPDH	Unkn-13	53	83.00
D02	SYBR	GAPDH	Unkn-13	53	83.00
D03	SYBR	GAPDH	Unkn-13	53	83.00
D04	SYBR	GAPDH	Unkn-14	59	83.00
D05	SYBR	GAPDH	Unkn-14	59	83.00
D06	SYBR	GAPDH	Unkn-14	59	83.00
D07	SYBR	GAPDH	Unkn-15	60	83.00
D08	SYBR	GAPDH	Unkn-15	60	83.00
D09	SYBR	GAPDH	Unkn-15	60	83.00
D10	SYBR	GAPDH	Unkn-16	62	83.00
D11	SYBR	GAPDH	Unkn-16	62	83.00
D12	SYBR	GAPDH	Unkn-16	62	83.00
E01	SYBR	GAPDH	Unkn-17	63	83.00
E02	SYBR	GAPDH	Unkn-17	63	83.00
E03	SYBR	GAPDH	Unkn-17	63	83.00
E04	SYBR	GAPDH	Unkn-18	66	83.00
E05	SYBR	GAPDH	Unkn-18	66	83.00
E06	SYBR	GAPDH	Unkn-18	66	83.00
E07	SYBR	GAPDH	Unkn-19	69	83.00
E08	SYBR	GAPDH	Unkn-19	69	83.00
E09	SYBR	GAPDH	Unkn-19	69	83.00
E10	SYBR	GAPDH	Unkn-20	71	83.00
E11	SYBR	GAPDH	Unkn-20	71	83.00
E12	SYBR	GAPDH	Unkn-20	71	83.00
F01	SYBR	GAPDH	Unkn-21	73	83.00
F02	SYBR	GAPDH	Unkn-21	73	83.00
F03	SYBR	GAPDH	Unkn-21	73	83.00
F04	SYBR	GAPDH	Unkn-22	75	83.00
F05	SYBR	GAPDH	Unkn-22	75	83.00
F06	SYBR	GAPDH	Unkn-22	75	83.00
F07	SYBR	GAPDH	Unkn-23	79	83.00
F08	SYBR	GAPDH	Unkn-23	79	83.00
F09	SYBR	GAPDH	Unkn-23	79	83.00
F10	SYBR	GAPDH	Unkn-24	81	83.00
F11	SYBR	GAPDH	Unkn-24	81	82.50
F12	SYBR	GAPDH	Unkn-24	81	83.00
G01	SYBR	GAPDH	Unkn-25	89	83.00
G02	SYBR	GAPDH	Unkn-25	89	83.00
G03	SYBR	GAPDH	Unkn-25	89	83.00
G04	SYBR	GAPDH	NTC-01		None
G05	SYBR	GAPDH	NTC-01		None
G06	SYBR	GAPDH	NTC-01		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	
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:A4, A5, B5, B12.	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:B4, B6, B10, B11, F10, F11, F12, G5, G6.	False	