



# sam\_2026-01-28\_12-07-20\_CFX96-GAPDH-02.pcrd

01/29/2026 13:13

## Report Information

**User:** BioRad/sam

**Data File Name:** sam\_2026-01-28\_12-07-20\_CFX96-GAPDH-02.pcrd

**Data File Path:** C:\Users\Samb\Desktop\qPCR-polyIC

**Well Group Name:** All Wells

**Report Differs from Last Save:** No

## Run Setup

### Run Information

**Run Date:** 01/28/2026 12:07

**Run User:** sam

**Run Type:** User-defined

**Plate File:** mgig-02-GAPDH-polyIC-valentina-cfx-plate.pltd

**ID:**

**Notes:** GAPDH- Primer SRIDs 1172 and 1173

**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 C3M	Unk-1 GAPDH C3M	Unk-1 GAPDH C3M	Unk-2 GAPDH C4M	Unk-2 GAPDH C4M	Unk-2 GAPDH C4M	Unk-3 GAPDH C5M	Unk-3 GAPDH C5M	Unk-3 GAPDH C5M	Unk-4 GAPDH D1M	Unk-4 GAPDH D1M	Unk-4 GAPDH D1M
B	Unk-5 GAPDH D2M	Unk-5 GAPDH D2M	Unk-5 GAPDH D2M	Unk-6 GAPDH D2M	Unk-6 GAPDH D3M	Unk-6 GAPDH D3M	Unk-7 GAPDH D4M	Unk-7 GAPDH D4M	Unk-7 GAPDH D4M	Unk-8 GAPDH D5M	Unk-8 GAPDH D5M	Unk-8 GAPDH D5M
C	Unk-9 GAPDH A1T	Unk-9 GAPDH A1T	Unk-9 GAPDH A1T	Unk-10 GAPDH A2T	Unk-10 GAPDH A2T	Unk-10 GAPDH A2T	Unk-11 GAPDH A3T	Unk-11 GAPDH A3T	Unk-11 GAPDH A3T	Unk-12 GAPDH A4T	Unk-12 GAPDH A4T	Unk-12 GAPDH A4T
D	Unk-13 GAPDH B1T	Unk-13 GAPDH B1T	Unk-13 GAPDH B1T	Unk-14 GAPDH B1T	Unk-14 GAPDH B1T	Unk-14 GAPDH B1T	Unk-15 GAPDH B2T	Unk-15 GAPDH B2T	Unk-15 GAPDH B2T	Unk-16 GAPDH B3T	Unk-16 GAPDH B3T	Unk-16 GAPDH B3T

## Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
E	Unk-17 GAPDH B4T	Unk-17 GAPDH B4T	Unk-17 GAPDH B4T	Unk-18 GAPDH B5T	Unk-18 GAPDH B5T	Unk-18 GAPDH B5T	Unk-19 GAPDH C1T	Unk-19 GAPDH C1T	Unk-19 GAPDH C1T	Unk-20 GAPDH C2T	Unk-20 GAPDH C2T	Unk-20 GAPDH C2T
F	Unk-21 GAPDH C3T	Unk-21 GAPDH C3T	Unk-21 GAPDH C3T	Unk-22 GAPDH C4T	Unk-22 GAPDH C4T	Unk-22 GAPDH C4T	Unk-23 GAPDH C5T	Unk-23 GAPDH C5T	Unk-23 GAPDH C5T	Unk-24 GAPDH D1T	Unk-24 GAPDH D1T	Unk-24 GAPDH D1T
G	Unk-25 GAPDH D2T	Unk-25 GAPDH D2T	Unk-25 GAPDH D2T	Unk-26 GAPDH D3T	Unk-26 GAPDH D3T	Unk-26 GAPDH D3T	Unk-27 GAPDH D4T	Unk-27 GAPDH D4T	Unk-27 GAPDH D4T	Unk-28 GAPDH D5T	Unk-28 GAPDH D5T	Unk-28 GAPDH D5T
H	Unk-29 GAPDH C1PC	Unk-29 GAPDH C1PC	Unk-29 GAPDH C1PC	Unk-30 GAPDH C2PC	Unk-30 GAPDH C2PC	Unk-30 GAPDH C2PC	Unk-31 GAPDH C3PC	Unk-31 GAPDH C3PC	Unk-31 GAPDH C3PC	Unk-32 GAPDH D1PC	Unk-32 GAPDH D1PC	Unk-32 GAPDH D1PC

## Quantification

**Step #:** 3

**Analysis Mode:** Fluorophore

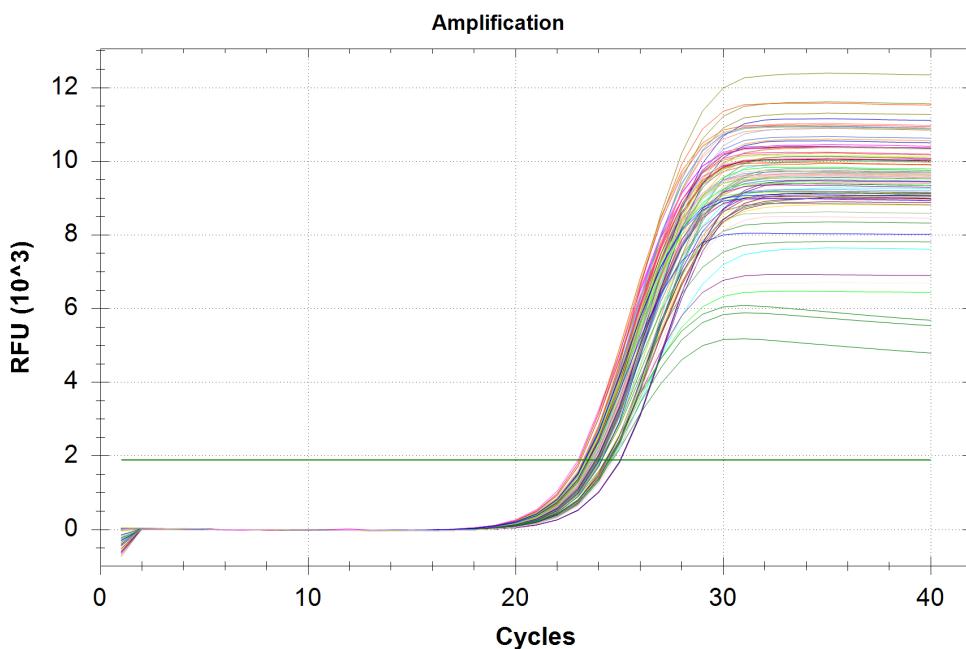
**Cq Determination:** Single Threshold

**Baseline Method:**

SYBR: Auto Calculated

**Threshold Setting:**

SYBR: 1897.44, Auto Calculated



## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	GAPDH	Unkn-01	C3M	23.87	23.82	0.066
A02	SYBR	GAPDH	Unkn-01	C3M	23.86	23.82	0.066
A03	SYBR	GAPDH	Unkn-01	C3M	23.75	23.82	0.066
A04	SYBR	GAPDH	Unkn-02	C4M	24.64	24.26	0.332
A05	SYBR	GAPDH	Unkn-02	C4M	24.04	24.26	0.332
A06	SYBR	GAPDH	Unkn-02	C4M	24.10	24.26	0.332
A07	SYBR	GAPDH	Unkn-03	C5M	24.33	24.28	0.115
A08	SYBR	GAPDH	Unkn-03	C5M	24.15	24.28	0.115

## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A09	SYBR	GAPDH	Unkn-03	C5M	24.37	24.28	0.115
A10	SYBR	GAPDH	Unkn-04	D1M	24.06	24.02	0.153
A11	SYBR	GAPDH	Unkn-04	D1M	23.85	24.02	0.153
A12	SYBR	GAPDH	Unkn-04	D1M	24.14	24.02	0.153
B01	SYBR	GAPDH	Unkn-05	D2M	23.14	23.08	0.062
B02	SYBR	GAPDH	Unkn-05	D2M	23.02	23.08	0.062
B03	SYBR	GAPDH	Unkn-05	D2M	23.08	23.08	0.062
B04	SYBR	GAPDH	Unkn-06	D3M	23.25	23.17	0.068
B05	SYBR	GAPDH	Unkn-06	D3M	23.14	23.17	0.068
B06	SYBR	GAPDH	Unkn-06	D3M	23.13	23.17	0.068
B07	SYBR	GAPDH	Unkn-07	D4M	23.49	23.53	0.097
B08	SYBR	GAPDH	Unkn-07	D4M	23.46	23.53	0.097
B09	SYBR	GAPDH	Unkn-07	D4M	23.64	23.53	0.097
B10	SYBR	GAPDH	Unkn-08	D5M	24.49	24.45	0.084
B11	SYBR	GAPDH	Unkn-08	D5M	24.36	24.45	0.084
B12	SYBR	GAPDH	Unkn-08	D5M	24.51	24.45	0.084
C01	SYBR	GAPDH	Unkn-09	A1T	23.54	23.45	0.114
C02	SYBR	GAPDH	Unkn-09	A1T	23.32	23.45	0.114
C03	SYBR	GAPDH	Unkn-09	A1T	23.48	23.45	0.114
C04	SYBR	GAPDH	Unkn-10	A2T	23.47	23.54	0.200
C05	SYBR	GAPDH	Unkn-10	A2T	23.39	23.54	0.200
C06	SYBR	GAPDH	Unkn-10	A2T	23.76	23.54	0.200
C07	SYBR	GAPDH	Unkn-11	A3T	22.96	23.56	0.647
C08	SYBR	GAPDH	Unkn-11	A3T	23.46	23.56	0.647
C09	SYBR	GAPDH	Unkn-11	A3T	24.25	23.56	0.647
C10	SYBR	GAPDH	Unkn-12	A4T	24.03	23.90	0.199
C11	SYBR	GAPDH	Unkn-12	A4T	23.67	23.90	0.199
C12	SYBR	GAPDH	Unkn-12	A4T	24.00	23.90	0.199
D01	SYBR	GAPDH	Unkn-13	A5T	23.49	23.51	0.034
D02	SYBR	GAPDH	Unkn-13	A5T	23.49	23.51	0.034
D03	SYBR	GAPDH	Unkn-13	A5T	23.55	23.51	0.034
D04	SYBR	GAPDH	Unkn-14	B1T	23.94	23.98	0.077
D05	SYBR	GAPDH	Unkn-14	B1T	23.92	23.98	0.077
D06	SYBR	GAPDH	Unkn-14	B1T	24.07	23.98	0.077
D07	SYBR	GAPDH	Unkn-15	B2T	24.03	24.00	0.032
D08	SYBR	GAPDH	Unkn-15	B2T	23.97	24.00	0.032
D09	SYBR	GAPDH	Unkn-15	B2T	24.00	24.00	0.032
D10	SYBR	GAPDH	Unkn-16	B3T	23.25	23.34	0.077
D11	SYBR	GAPDH	Unkn-16	B3T	23.35	23.34	0.077
D12	SYBR	GAPDH	Unkn-16	B3T	23.41	23.34	0.077
E01	SYBR	GAPDH	Unkn-17	B4T	23.30	23.22	0.124
E02	SYBR	GAPDH	Unkn-17	B4T	23.29	23.22	0.124
E03	SYBR	GAPDH	Unkn-17	B4T	23.08	23.22	0.124
E04	SYBR	GAPDH	Unkn-18	B5T	24.40	24.19	0.189
E05	SYBR	GAPDH	Unkn-18	B5T	24.15	24.19	0.189
E06	SYBR	GAPDH	Unkn-18	B5T	24.03	24.19	0.189
E07	SYBR	GAPDH	Unkn-19	C1T	23.38	23.27	0.119
E08	SYBR	GAPDH	Unkn-19	C1T	23.14	23.27	0.119
E09	SYBR	GAPDH	Unkn-19	C1T	23.30	23.27	0.119

## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E10	SYBR	GAPDH	Unkn-20	C2T	23.37	23.56	0.355
E11	SYBR	GAPDH	Unkn-20	C2T	23.33	23.56	0.355
E12	SYBR	GAPDH	Unkn-20	C2T	23.97	23.56	0.355
F01	SYBR	GAPDH	Unkn-21	C3T	23.52	23.43	0.276
F02	SYBR	GAPDH	Unkn-21	C3T	23.12	23.43	0.276
F03	SYBR	GAPDH	Unkn-21	C3T	23.65	23.43	0.276
F04	SYBR	GAPDH	Unkn-22	C4T	23.77	23.71	0.067
F05	SYBR	GAPDH	Unkn-22	C4T	23.64	23.71	0.067
F06	SYBR	GAPDH	Unkn-22	C4T	23.73	23.71	0.067
F07	SYBR	GAPDH	Unkn-23	C5T	24.59	24.55	0.043
F08	SYBR	GAPDH	Unkn-23	C5T	24.50	24.55	0.043
F09	SYBR	GAPDH	Unkn-23	C5T	24.55	24.55	0.043
F10	SYBR	GAPDH	Unkn-24	D1T	23.39	23.37	0.078
F11	SYBR	GAPDH	Unkn-24	D1T	23.28	23.37	0.078
F12	SYBR	GAPDH	Unkn-24	D1T	23.43	23.37	0.078
G01	SYBR	GAPDH	Unkn-25	D2T	25.07	25.05	0.015
G02	SYBR	GAPDH	Unkn-25	D2T	25.05	25.05	0.015
G03	SYBR	GAPDH	Unkn-25	D2T	25.04	25.05	0.015
G04	SYBR	GAPDH	Unkn-26	D3T	23.95	23.94	0.068
G05	SYBR	GAPDH	Unkn-26	D3T	23.87	23.94	0.068
G06	SYBR	GAPDH	Unkn-26	D3T	24.00	23.94	0.068
G07	SYBR	GAPDH	Unkn-27	D4T	23.78	23.71	0.066
G08	SYBR	GAPDH	Unkn-27	D4T	23.69	23.71	0.066
G09	SYBR	GAPDH	Unkn-27	D4T	23.65	23.71	0.066
G10	SYBR	GAPDH	Unkn-28	D5T	23.93	23.99	0.430
G11	SYBR	GAPDH	Unkn-28	D5T	23.60	23.99	0.430
G12	SYBR	GAPDH	Unkn-28	D5T	24.45	23.99	0.430
H01	SYBR	GAPDH	Unkn-29	C1PC	24.43	24.06	0.328
H02	SYBR	GAPDH	Unkn-29	C1PC	23.84	24.06	0.328
H03	SYBR	GAPDH	Unkn-29	C1PC	23.90	24.06	0.328
H04	SYBR	GAPDH	Unkn-30	C2PC	24.65	24.49	0.163
H05	SYBR	GAPDH	Unkn-30	C2PC	24.50	24.49	0.163
H06	SYBR	GAPDH	Unkn-30	C2PC	24.33	24.49	0.163
H07	SYBR	GAPDH	Unkn-31	C3PC	23.35	23.39	0.099
H08	SYBR	GAPDH	Unkn-31	C3PC	23.51	23.39	0.099
H09	SYBR	GAPDH	Unkn-31	C3PC	23.33	23.39	0.099
H10	SYBR	GAPDH	Unkn-32	D1PC	24.43	24.59	0.144
H11	SYBR	GAPDH	Unkn-32	D1PC	24.62	24.59	0.144
H12	SYBR	GAPDH	Unkn-32	D1PC	24.71	24.59	0.144

## 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		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	0.50	True	SYBR:C7, C8, C9.	False	