



# sam\_2024-12-10-11-46-04\_Connect-GAPDH-03.pcrd

12/12/2024 14:25

## Report Information

User: BioRad/sam  
Data File Name: sam\_2024-12-10-11-46-04\_Connect-GAPDH-03.pcrd  
Data File Path: C:\Users\Samb\Downloads\lifestage-pcrs  
Well Group Name: All Wells  
Report Differs from Last Save: Yes

## Run Setup

### Run Information

Run Date: 12/10/2024 12:39  
Run User: sam  
Run Type: User-defined  
Plate File: cgig-GAPDH-cfx-plate-03.pltd  
ID:  
Notes:  
Sample Volume: 20  
Temperature Control Mode: Calculated  
Lid Temperature: 105  
Base Serial Number: BR006896  
Optical Head Serial Number: 788BR07000

### 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

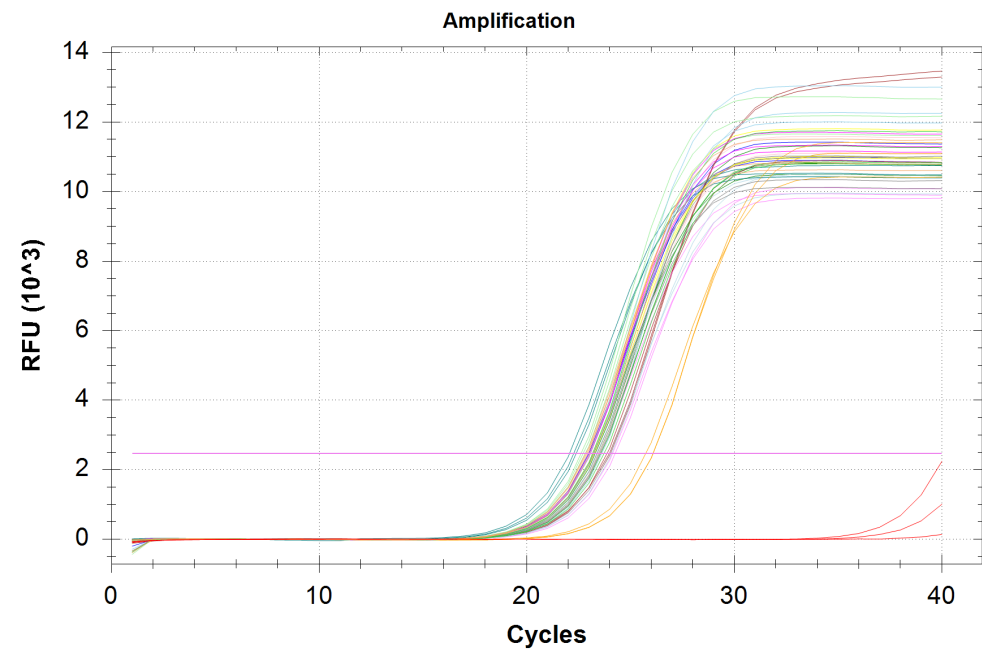
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 351	Unk-1 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 351	Unk-1 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 351	Unk-2 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 353	Unk-2 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 353	Unk-2 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 353	Unk-3 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 355	Unk-3 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 355	Unk-3 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 355	Unk-4 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 357	Unk-4 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 357	Unk-4 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 357
B	Unk-5 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 360	Unk-5 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 360	Unk-5 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 360	Unk-6 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 361	Unk-6 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 361	Unk-6 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 361	Unk-7 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 364	Unk-7 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 364	Unk-7 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 364	Unk-8 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 371	Unk-8 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 371	Unk-8 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 371

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 374	Unk-9 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 374	Unk-9 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 374	Unk-10 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 378	Unk-10 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 378	Unk-10 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 378	Unk-11 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 381	Unk-11 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 381	Unk-11 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 381	Unk-12 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 386	Unk-12 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 386	Unk-12 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 386
D	Unk-13 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 392	Unk-13 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 392	Unk-13 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 392	Unk-14 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 394	Unk-14 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 394	Unk-14 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 394	Unk-15 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 395	Unk-15 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 395	Unk-15 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3) 395	NTC-1 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	NTC-1 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	NTC-1 Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)
E												
F												
G												
H												

Quantification

Step #: 3  
Analysis Mode: Target  
Cq Determination: Single Threshold  
Baseline Method:  
Cg\_GAPDH\_205\_F-355\_R (SR IDs: 1172/3): Auto Calculated  
Threshold Setting:  
Cg\_GAPDH\_205\_F-355\_R (SR IDs: 1172/3): 2474.76, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-01	351	23.30	23.45	0.134
A02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-01	351	23.57	23.45	0.134
A03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-01	351	23.47	23.45	0.134

## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-02	353	23.06	23.10	0.119
A05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-02	353	23.23	23.10	0.119
A06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-02	353	23.00	23.10	0.119
A07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-03	355	23.48	23.31	0.140
A08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-03	355	23.22	23.31	0.140
A09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-03	355	23.24	23.31	0.140
A10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-04	357	23.99	23.97	0.086
A11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-04	357	24.04	23.97	0.086
A12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-04	357	23.87	23.97	0.086
B01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-05	360	24.14	23.99	0.375
B02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-05	360	24.26	23.99	0.375
B03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-05	360	23.56	23.99	0.375
B04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-06	361	23.38	23.83	0.396
B05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-06	361	24.10	23.83	0.396
B06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-06	361	24.02	23.83	0.396
B07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-07	364	22.27	22.24	0.162
B08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-07	364	22.07	22.24	0.162
B09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-07	364	22.39	22.24	0.162
B10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-08	371	25.74	25.97	0.203
B11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-08	371	26.09	25.97	0.203
B12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-08	371	26.09	25.97	0.203
C01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-09	374	22.83	22.72	0.102
C02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-09	374	22.62	22.72	0.102
C03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-09	374	22.72	22.72	0.102
C04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-10	378	23.06	23.06	0.025
C05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-10	378	23.08	23.06	0.025
C06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-10	378	23.03	23.06	0.025
C07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-11	381	23.26	23.16	0.104

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-11	381	23.18	23.16	0.104
C09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-11	381	23.05	23.16	0.104
C10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-12	386	23.23	23.30	0.286
C11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-12	386	23.07	23.30	0.286
C12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-12	386	23.62	23.30	0.286
D01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-13	392	23.52	23.38	0.146
D02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-13	392	23.23	23.38	0.146
D03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-13	392	23.40	23.38	0.146
D04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-14	394	23.57	23.49	0.285
D05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-14	394	23.73	23.49	0.285
D06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-14	394	23.18	23.49	0.285
D07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-15	395	22.96	22.90	0.056
D08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-15	395	22.90	22.90	0.056
D09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-15	395	22.85	22.90	0.056
D10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	NTC-01		N/A	0.00	0.000
D11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	NTC-01		N/A	0.00	0.000
D12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	NTC-01		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	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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		False	