

sam_2024-12-10-11-46-04_Connect-GAPDH-01.pcrd

12/12/2024 14:28

Report Information

User: BioRad/sam

Data File Name: sam_2024-12-10-11-46-04_Connect-GAPDH-01.pcrd

Data File Path: C:\Users\Samb\Downloads\lifestage-pcrs

Well Group Name: All Wells Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 12/10/2024 11:46

Run User: sam

Run Type: User-defined

Plate File: cgig-GAPDH-cfx-plate-01.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
Α	Unk-1	Unk-1	Unk-1	Unk-2	Unk-2	Unk-2	Unk-3	Unk-3	Unk-3	Unk-4	Unk-4	Unk-4
	Cg_GAPDH											
	_205_F-											
	355_R (SR	355_R (SR		355_R (SR						355_R (SR	355_R (SR	355_R (SR
	IDs: 1172/3)											
	201	201	201	202	202	202	203	203	203	204	204	204
В	Unk-5	Unk-5	Unk-5	Unk-6	Unk-6	Unk-6	Unk-7	Unk-7	Unk-7	Unk-8	Unk-8	Unk-8
	Cg_GAPDH											
	_205_F-											
	355_R (SR		355_R (SR	355_R (SR	355_R (SR							
	IDs: 1172/3)											
	205	205	205	207	207	207	208	208	208	209	209	209

Plate Display

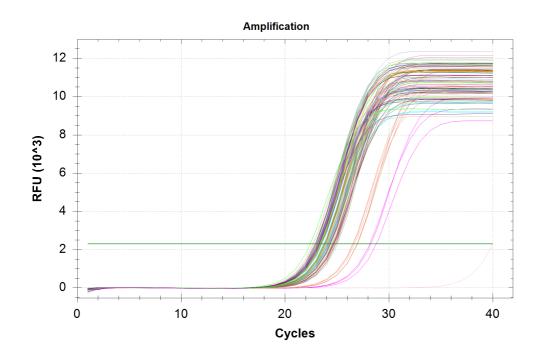
	1	2	3	4	5	6	7	8	9	10	11	12
С	Unk-9 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 213	_205_F- 355_R (SR	Unk-9 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 213	Unk-10 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 214	Unk-10 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 214	Unk-10 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 214	Unk-11 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 216	_205_F- 355_R (SR	_205_F- 355_R (SR	Unk-12 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 219	Unk-12 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 219	Unk-12 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 219
D	Unk-13 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 227	Unk-13 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 227	_205_F- 355_R (SR	Unk-14 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 229	Unk-14 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 229	Unk-14 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 229	Unk-15 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 230	_205_F- 355_R (SR	Unk-15 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 230	Unk-16 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 231	Unk-16 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 231	Unk-16 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 231
E	Unk-17 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 232	Unk-17 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 232	Unk-17 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 232	Unk-18 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 233	Unk-18 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 233	Unk-18 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 233	Unk-19 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 235	_205_F- 355_R (SR	_205_F- 355_R (SR	Unk-20 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 236	Unk-20 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 236	Unk-20 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 236
F	Unk-21 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 237	Unk-21 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 237	_205_F- 355_R (SR	Unk-22 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 238	Unk-22 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 238	Unk-22 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 238	Unk-23 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 239	_205_F- 355_R (SR	_205_F- 355_R (SR	Unk-24 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 240	Unk-24 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 240	Unk-24 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 240
G	Unk-25 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 241	Unk-25 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 241	_205_F- 355_R (SR	Unk-26 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 245	Unk-26 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 245	Unk-26 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 245	Unk-27 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 248	_205_F- 355_R (SR	Unk-27 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 248	Unk-28 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 250	Unk-28 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 250	Unk-28 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 250
Н	Unk-29 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 252	Unk-29 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 252	Unk-29 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 252	Unk-30 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 258	Unk-30 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 258	Unk-30 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 258	Unk-31 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 263	_205_F- 355_R (SR	Unk-31 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 263	Unk-32 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 268	Unk-32 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) 268	Unk-32 Cg_GAPDH _205_F- 355_R (SR IDs: 1172/3) _268

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold

Baseline Method: SYBR: Auto Calculated **Threshold Setting:**

SYBR: 2310.42, Auto Calculated



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	201	24.00	23.89	0.096
A02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-01	201	23.84	23.89	0.096
A03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-01	201	23.83	23.89	0.096
A04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-02	202	23.36	23.35	0.027
A05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-02	202	23.37	23.35	0.027
A06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-02	202	23.32	23.35	0.027
A07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-03	203	23.46	23.41	0.036
A08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-03	203	23.39	23.41	0.036
A09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-03	203	23.39	23.41	0.036
A10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-04	204	22.68	22.88	0.200
A11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-04	204	22.88	22.88	0.200
A12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-04	204	23.08	22.88	0.200
B01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-05	205	24.11	24.13	0.023
B02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-05	205	24.13	24.13	0.023
B03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-05	205	24.16	24.13	0.023
B04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-06	207	23.38	23.38	0.022
B05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-06	207	23.36	23.38	0.022
B06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-06	207	23.40	23.38	0.022
B07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-07	208	23.34	23.62	0.242
B08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-07	208	23.75	23.62	0.242
B09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-07	208	23.77	23.62	0.242
B10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-08	209	28.15	28.40	0.336
B11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-08	209	28.26	28.40	0.336
B12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-08	209	28.78	28.40	0.336
C01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-09	213	26.98	25.65	2.291
C02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-09	213	23.00	25.65	2.291
C03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-09	213	26.96	25.65	2.291

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-10	214	24.88	24.99	0.099
C05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-10	214	25.04	24.99	0.099
C06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-10	214	25.06	24.99	0.099
C07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-11	216	24.36	24.63	0.268
C08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-11	216	24.63	24.63	0.268
C09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-11	216	24.90	24.63	0.268
C10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-12	219	23.01	23.45	0.441
C11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-12	219	23.44	23.45	0.441
C12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-12	219	23.89	23.45	0.441
D01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-13	227	26.68	26.58	0.088
D02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-13	227	26.52	26.58	0.088
D03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-13	227	26.55	26.58	0.088
D04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-14	229	24.43	24.46	0.025
D05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-14	229	24.46	24.46	0.025
D06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-14	229	24.48	24.46	0.025
D07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-15	230	24.33	24.34	0.017
D08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-15	230	24.36	24.34	0.017
D09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-15	230	24.33	24.34	0.017
D10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-16	231	24.74	24.66	0.087
D11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-16	231	24.57	24.66	0.087
D12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-16	231	24.68	24.66	0.087
E01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-17	232	23.86	23.51	0.320
E02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-17	232	23.25	23.51	0.320
E03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-17	232	23.41	23.51	0.320
E04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-18	233	23.19	23.31	0.114
E05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-18	233	23.35	23.31	0.114
E06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-18	233	23.41	23.31	0.114
E07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-19	235	24.66	24.58	0.294

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-19	235	24.82	24.58	0.294
E09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-19	235	24.25	24.58	0.294
E10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-20	236	23.90	23.93	0.083
E11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-20	236	23.86	23.93	0.083
E12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-20	236	24.02	23.93	0.083
F01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-21	237	23.18	23.30	0.166
F02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-21	237	23.23	23.30	0.166
F03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-21	237	23.49	23.30	0.166
F04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-22	238	24.18	24.24	0.103
F05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-22	238	24.19	24.24	0.103
F06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-22	238	24.36	24.24	0.103
F07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-23	239	23.74	23.83	0.329
F08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-23	239	24.20	23.83	0.329
F09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-23	239	23.56	23.83	0.329
F10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-24	240	24.38	24.39	0.099
F11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-24	240	24.50	24.39	0.099
F12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-24	240	24.30	24.39	0.099
G01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-25	241	24.12	24.24	0.106
G02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-25	241	24.31	24.24	0.106
G03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-25	241	24.29	24.24	0.106
G04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-26	245	23.02	23.04	0.055
G05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-26	245	23.10	23.04	0.055
G06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-26	245	23.00	23.04	0.055
G07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-27	248	23.40	23.43	0.028
G08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-27	248	23.44	23.43	0.028
G09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-27	248	23.46	23.43	0.028
G10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-28	250	23.33	23.25	0.106
G11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-28	250	23.29	23.25	0.106

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
G12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-28	250	23.13	23.25	0.106
H01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-29	252	24.67	24.58	0.170
H02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-29	252	24.38	24.58	0.170
H03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-29	252	24.69	24.58	0.170
H04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-30	258	23.18	22.96	0.317
H05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-30	258	22.74	22.96	0.317
H06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-30	258	N/A	0.00	0.000
H07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-31	263	22.42	23.42	0.873
H08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-31	263	23.77	23.42	0.873
H09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-31	263	24.06	23.42	0.873
H10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-32	268	23.23	23.09	0.164
H11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-32	268	23.13	23.09	0.164
H12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn-32	268	22.91	23.09	0.164

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:H6.	False	
Standard without a Cq	N/A	True		False	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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:C1, C2, C3, H7, H8, H9.	False	