![BIO-RAD]

sam_2026-01-28_15-00-57_Connect-HSP70-03.pcrd

01/29/2026 13:29

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-28_15-00-57_Connect-HSP70-03.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 15:01
Run User: sam
Run Type: User-defined
Plate File: mgig-03-HSP70-polyIC-valentina-cfx-plate.pltd
ID:
Notes: HSP70 - Primer SRIDs 598 and 599
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_HSP70 _F/R (S D2PC	Unk-1 Cg_HSP70 _F/R (S D2PC	Unk-1 Cg_HSP70 _F/R (S D2PC	Unk-2 Cg_HSP70 _F/R (S D3PC	Unk-2 Cg_HSP70 _F/R (S D3PC	Unk-2 Cg_HSP70 _F/R (S D3PC	Unk-3 Cg_HSP70 _F/R (S D4PC	Unk-3 Cg_HSP70 _F/R (S D4PC	Unk-3 Cg_HSP70 _F/R (S D4PC	Unk-4 Cg_HSP70 _F/R (S D5PC	Unk-4 Cg_HSP70 _F/R (S D5PC	Unk-4 Cg_HSP70 _F/R (S D5PC
B	Unk-5 Cg_HSP70 _F/R (S D1PM	Unk-5 Cg_HSP70 _F/R (S D1PM	Unk-5 Cg_HSP70 _F/R (S D1PM	Unk-6 Cg_HSP70 _F/R (S D2PM	Unk-6 Cg_HSP70 _F/R (S D2PM	Unk-6 Cg_HSP70 _F/R (S D2PM	Unk-7 Cg_HSP70 _F/R (S D3PM	Unk-7 Cg_HSP70 _F/R (S D3PM	Unk-7 Cg_HSP70 _F/R (S D3PM	Unk-8 Cg_HSP70 _F/R (S D4PM	Unk-8 Cg_HSP70 _F/R (S D4PM	Unk-8 Cg_HSP70 _F/R (S D4PM
C	Unk-9 Cg_HSP70 _F/R (S D4PM	Unk-9 Cg_HSP70 _F/R (S D4PM	Unk-9 Cg_HSP70 _F/R (S D4PM	Unk-10 Cg_HSP70 _F/R (S A1PT	Unk-10 Cg_HSP70 _F/R (S A1PT	Unk-10 Cg_HSP70 _F/R (S A1PT	Unk-11 Cg_HSP70 _F/R (S A2PT	Unk-11 Cg_HSP70 _F/R (S A2PT	Unk-11 Cg_HSP70 _F/R (S A2PT	Unk-12 Cg_HSP70 _F/R (S A3PT	Unk-12 Cg_HSP70 _F/R (S A3PT	Unk-12 Cg_HSP70 _F/R (S A3PT

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk-13 Cg_HSP70 _F/R (S A4PT	Unk-13 Cg_HSP70 _F/R (S A4PT	Unk-13 Cg_HSP70 _F/R (S A4PT	Unk-14 Cg_HSP70 _F/R (S A5PT	Unk-14 Cg_HSP70 _F/R (S A5PT	Unk-14 Cg_HSP70 _F/R (S A5PT	Unk-15 Cg_HSP70 _F/R (S B1PT	Unk-15 Cg_HSP70 _F/R (S B1PT	Unk-15 Cg_HSP70 _F/R (S B1PT	Unk-16 Cg_HSP70 _F/R (S B2PT	Unk-16 Cg_HSP70 _F/R (S B2PT	Unk-16 Cg_HSP70 _F/R (S B2PT
E	Unk-17 Cg_HSP70 _F/R (S B3PT	Unk-17 Cg_HSP70 _F/R (S B3PT	Unk-17 Cg_HSP70 _F/R (S B3PT	Unk-18 Cg_HSP70 _F/R (S B4PT	Unk-18 Cg_HSP70 _F/R (S B4PT	Unk-18 Cg_HSP70 _F/R (S B4PT	Unk-19 Cg_HSP70 _F/R (S B5PT	Unk-19 Cg_HSP70 _F/R (S B5PT	Unk-19 Cg_HSP70 _F/R (S B5PT	Unk-20 Cg_HSP70 _F/R (S C1PT	Unk-20 Cg_HSP70 _F/R (S C1PT	Unk-20 Cg_HSP70 _F/R (S C1PT
F	Unk-21 Cg_HSP70 _F/R (S C2PT	Unk-21 Cg_HSP70 _F/R (S C2PT	Unk-21 Cg_HSP70 _F/R (S C2PT	Unk-22 Cg_HSP70 _F/R (S C3PT	Unk-22 Cg_HSP70 _F/R (S C3PT	Unk-22 Cg_HSP70 _F/R (S C3PT	Unk-23 Cg_HSP70 _F/R (S C4PT	Unk-23 Cg_HSP70 _F/R (S C4PT	Unk-23 Cg_HSP70 _F/R (S C4PT	Unk-24 Cg_HSP70 _F/R (S C5PT	Unk-24 Cg_HSP70 _F/R (S C5PT	Unk-24 Cg_HSP70 _F/R (S C5PT
G	Unk-25 Cg_HSP70 _F/R (S D1PT	Unk-25 Cg_HSP70 _F/R (S D1PT	Unk-25 Cg_HSP70 _F/R (S D1PT	Unk-26 Cg_HSP70 _F/R (S D2PT	Unk-26 Cg_HSP70 _F/R (S D2PT	Unk-26 Cg_HSP70 _F/R (S D2PT	Unk-27 Cg_HSP70 _F/R (S D3PT	Unk-27 Cg_HSP70 _F/R (S D3PT	Unk-27 Cg_HSP70 _F/R (S D3PT	Unk-28 Cg_HSP70 _F/R (S D4PT	Unk-28 Cg_HSP70 _F/R (S D4PT	Unk-28 Cg_HSP70 _F/R (S D4PT
H	Unk-29 Cg_HSP70 _F/R (S D5PT	Unk-29 Cg_HSP70 _F/R (S D5PT	Unk-29 Cg_HSP70 _F/R (S D5PT	NTC-1 Cg_HSP70 _F/R (S	NTC-1 Cg_HSP70 _F/R (S	NTC-1 Cg_HSP70 _F/R (S						

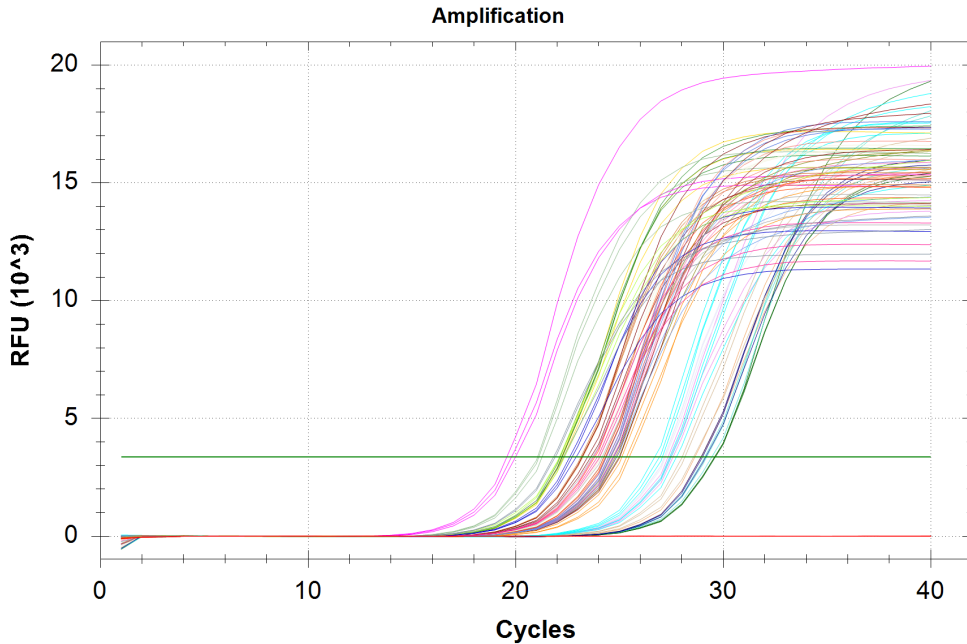# Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3356.83, Auto Calculated

Amplification

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_HSP70_F/R (S	Unkn-01	D2PC	28.94	28.83	0.175
A02	SYBR	Cg_HSP70_F/R (S	Unkn-01	D2PC	28.92	28.83	0.175

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A03	SYBR	Cg_HSP70_F/R (S	Unkn-01	D2PC	28.63	28.83	0.175
A04	SYBR	Cg_HSP70_F/R (S	Unkn-02	D3PC	27.45	27.45	0.120
A05	SYBR	Cg_HSP70_F/R (S	Unkn-02	D3PC	27.33	27.45	0.120
A06	SYBR	Cg_HSP70_F/R (S	Unkn-02	D3PC	27.57	27.45	0.120
A07	SYBR	Cg_HSP70_F/R (S	Unkn-03	D4PC	29.61	29.59	0.021
A08	SYBR	Cg_HSP70_F/R (S	Unkn-03	D4PC	29.58	29.59	0.021
A09	SYBR	Cg_HSP70_F/R (S	Unkn-03	D4PC	29.58	29.59	0.021
A10	SYBR	Cg_HSP70_F/R (S	Unkn-04	D5PC	29.44	29.25	0.176
A11	SYBR	Cg_HSP70_F/R (S	Unkn-04	D5PC	29.10	29.25	0.176
A12	SYBR	Cg_HSP70_F/R (S	Unkn-04	D5PC	29.19	29.25	0.176
B01	SYBR	Cg_HSP70_F/R (S	Unkn-05	D1PM	27.22	27.18	0.033
B02	SYBR	Cg_HSP70_F/R (S	Unkn-05	D1PM	27.16	27.18	0.033
B03	SYBR	Cg_HSP70_F/R (S	Unkn-05	D1PM	27.15	27.18	0.033
B04	SYBR	Cg_HSP70_F/R (S	Unkn-06	D2PM	29.00	29.02	0.113
B05	SYBR	Cg_HSP70_F/R (S	Unkn-06	D2PM	28.93	29.02	0.113
B06	SYBR	Cg_HSP70_F/R (S	Unkn-06	D2PM	29.15	29.02	0.113
B07	SYBR	Cg_HSP70_F/R (S	Unkn-07	D3PM	28.56	28.24	0.285
B08	SYBR	Cg_HSP70_F/R (S	Unkn-07	D3PM	28.02	28.24	0.285
B09	SYBR	Cg_HSP70_F/R (S	Unkn-07	D3PM	28.15	28.24	0.285
B10	SYBR	Cg_HSP70_F/R (S	Unkn-08	D4PM	27.74	27.55	0.169
B11	SYBR	Cg_HSP70_F/R (S	Unkn-08	D4PM	27.41	27.55	0.169
B12	SYBR	Cg_HSP70_F/R (S	Unkn-08	D4PM	27.49	27.55	0.169
C01	SYBR	Cg_HSP70_F/R (S	Unkn-09	D4PM	26.92	26.89	0.188
C02	SYBR	Cg_HSP70_F/R (S	Unkn-09	D4PM	27.06	26.89	0.188
C03	SYBR	Cg_HSP70_F/R (S	Unkn-09	D4PM	26.69	26.89	0.188
C04	SYBR	Cg_HSP70_F/R (S	Unkn-10	A1PT	22.20	22.25	0.057
C05	SYBR	Cg_HSP70_F/R (S	Unkn-10	A1PT	22.24	22.25	0.057
C06	SYBR	Cg_HSP70_F/R (S	Unkn-10	A1PT	22.31	22.25	0.057

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C07	SYBR	Cg_HSP70_F/R (S	Unkn-11	A2PT	22.22	22.20	0.051
C08	SYBR	Cg_HSP70_F/R (S	Unkn-11	A2PT	22.23	22.20	0.051
C09	SYBR	Cg_HSP70_F/R (S	Unkn-11	A2PT	22.14	22.20	0.051
C10	SYBR	Cg_HSP70_F/R (S	Unkn-12	A3PT	19.99	19.78	0.210
C11	SYBR	Cg_HSP70_F/R (S	Unkn-12	A3PT	19.57	19.78	0.210
C12	SYBR	Cg_HSP70_F/R (S	Unkn-12	A3PT	19.79	19.78	0.210
D01	SYBR	Cg_HSP70_F/R (S	Unkn-13	A4PT	23.22	23.18	0.043
D02	SYBR	Cg_HSP70_F/R (S	Unkn-13	A4PT	23.19	23.18	0.043
D03	SYBR	Cg_HSP70_F/R (S	Unkn-13	A4PT	23.14	23.18	0.043
D04	SYBR	Cg_HSP70_F/R (S	Unkn-14	A5PT	21.05	21.14	0.111
D05	SYBR	Cg_HSP70_F/R (S	Unkn-14	A5PT	21.11	21.14	0.111
D06	SYBR	Cg_HSP70_F/R (S	Unkn-14	A5PT	21.27	21.14	0.111
D07	SYBR	Cg_HSP70_F/R (S	Unkn-15	B1PT	23.62	23.42	0.214
D08	SYBR	Cg_HSP70_F/R (S	Unkn-15	B1PT	23.19	23.42	0.214
D09	SYBR	Cg_HSP70_F/R (S	Unkn-15	B1PT	23.46	23.42	0.214
D10	SYBR	Cg_HSP70_F/R (S	Unkn-16	B2PT	24.58	24.78	0.196
D11	SYBR	Cg_HSP70_F/R (S	Unkn-16	B2PT	24.79	24.78	0.196
D12	SYBR	Cg_HSP70_F/R (S	Unkn-16	B2PT	24.97	24.78	0.196
E01	SYBR	Cg_HSP70_F/R (S	Unkn-17	B3PT	24.33	24.38	0.068
E02	SYBR	Cg_HSP70_F/R (S	Unkn-17	B3PT	24.46	24.38	0.068
E03	SYBR	Cg_HSP70_F/R (S	Unkn-17	B3PT	24.35	24.38	0.068
E04	SYBR	Cg_HSP70_F/R (S	Unkn-18	B4PT	24.07	24.05	0.039
E05	SYBR	Cg_HSP70_F/R (S	Unkn-18	B4PT	24.01	24.05	0.039
E06	SYBR	Cg_HSP70_F/R (S	Unkn-18	B4PT	24.08	24.05	0.039
E07	SYBR	Cg_HSP70_F/R (S	Unkn-19	B5PT	24.54	24.46	0.088
E08	SYBR	Cg_HSP70_F/R (S	Unkn-19	B5PT	24.48	24.46	0.088
E09	SYBR	Cg_HSP70_F/R (S	Unkn-19	B5PT	24.37	24.46	0.088
E10	SYBR	Cg_HSP70_F/R (S	Unkn-20	C1PT	24.86	24.86	0.153

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E11	SYBR	Cg_HSP70_F/R (S	Unkn-20	C1PT	24.71	24.86	0.153
E12	SYBR	Cg_HSP70_F/R (S	Unkn-20	C1PT	25.01	24.86	0.153
F01	SYBR	Cg_HSP70_F/R (S	Unkn-21	C2PT	25.34	25.31	0.181
F02	SYBR	Cg_HSP70_F/R (S	Unkn-21	C2PT	25.47	25.31	0.181
F03	SYBR	Cg_HSP70_F/R (S	Unkn-21	C2PT	25.11	25.31	0.181
F04	SYBR	Cg_HSP70_F/R (S	Unkn-22	C3PT	24.23	24.03	0.293
F05	SYBR	Cg_HSP70_F/R (S	Unkn-22	C3PT	23.69	24.03	0.293
F06	SYBR	Cg_HSP70_F/R (S	Unkn-22	C3PT	24.16	24.03	0.293
F07	SYBR	Cg_HSP70_F/R (S	Unkn-23	C4PT	24.66	24.65	0.093
F08	SYBR	Cg_HSP70_F/R (S	Unkn-23	C4PT	24.73	24.65	0.093
F09	SYBR	Cg_HSP70_F/R (S	Unkn-23	C4PT	24.55	24.65	0.093
F10	SYBR	Cg_HSP70_F/R (S	Unkn-24	C5PT	24.32	24.13	0.279
F11	SYBR	Cg_HSP70_F/R (S	Unkn-24	C5PT	24.25	24.13	0.279
F12	SYBR	Cg_HSP70_F/R (S	Unkn-24	C5PT	23.81	24.13	0.279
G01	SYBR	Cg_HSP70_F/R (S	Unkn-25	D1PT	22.71	22.74	0.157
G02	SYBR	Cg_HSP70_F/R (S	Unkn-25	D1PT	22.91	22.74	0.157
G03	SYBR	Cg_HSP70_F/R (S	Unkn-25	D1PT	22.60	22.74	0.157
G04	SYBR	Cg_HSP70_F/R (S	Unkn-26	D2PT	23.74	23.90	0.150
G05	SYBR	Cg_HSP70_F/R (S	Unkn-26	D2PT	23.93	23.90	0.150
G06	SYBR	Cg_HSP70_F/R (S	Unkn-26	D2PT	24.04	23.90	0.150
G07	SYBR	Cg_HSP70_F/R (S	Unkn-27	D3PT	24.71	24.71	0.143
G08	SYBR	Cg_HSP70_F/R (S	Unkn-27	D3PT	24.85	24.71	0.143
G09	SYBR	Cg_HSP70_F/R (S	Unkn-27	D3PT	24.56	24.71	0.143
G10	SYBR	Cg_HSP70_F/R (S	Unkn-28	D4PT	22.35	22.19	0.140
G11	SYBR	Cg_HSP70_F/R (S	Unkn-28	D4PT	22.11	22.19	0.140
G12	SYBR	Cg_HSP70_F/R (S	Unkn-28	D4PT	22.10	22.19	0.140
H01	SYBR	Cg_HSP70_F/R (S	Unkn-29	D5PT	21.82	22.01	0.258
H02	SYBR	Cg_HSP70_F/R (S	Unkn-29	D5PT	22.30	22.01	0.258

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
H03	SYBR	Cg_HSP70_F/R (S	Unkn-29	D5PT	21.90	22.01	0.258
H04	SYBR	Cg_HSP70_F/R (S	NTC-01		N/A	0.00	0.000
H05	SYBR	Cg_HSP70_F/R (S	NTC-01		N/A	0.00	0.000
H06	SYBR	Cg_HSP70_F/R (S	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	
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	