sam_2026-01-28_14-03-35_Connect-HSP70-01.pcrd

01/29/2026 13:25

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-28_14-03-35_Connect-HSP70-01.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 14:03
Run User: sam
Run Type: User-defined
Plate File: mgig-01-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

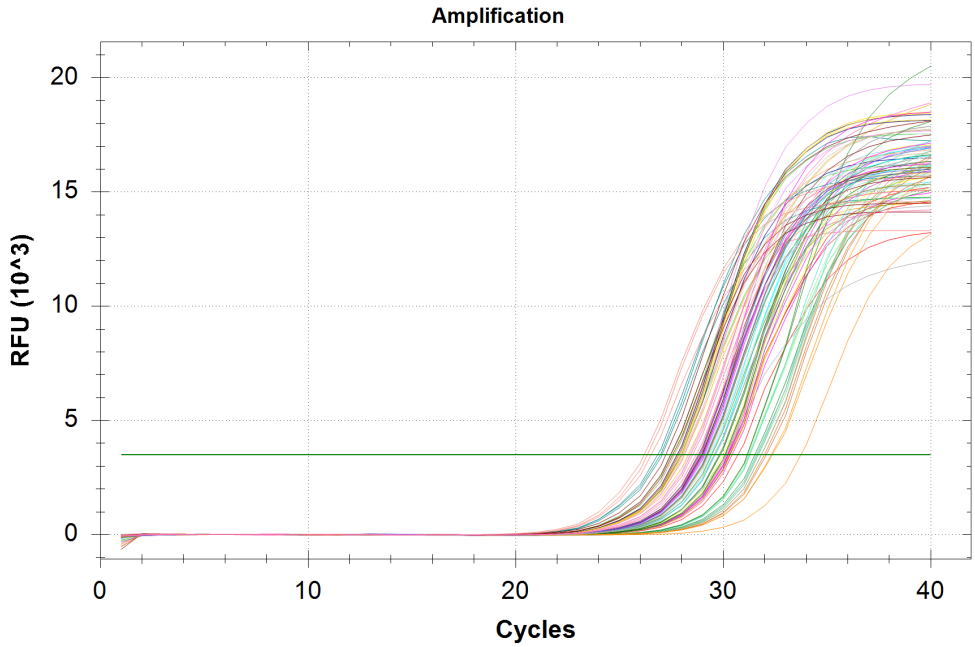
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 HSP70 A1C	Unk-1 HSP70 A1C	Unk-1 HSP70 A1C	Unk-2 HSP70 A2C	Unk-2 HSP70 A2C	Unk-2 HSP70 A2C	Unk-3 HSP70 A3C	Unk-3 HSP70 A3C	Unk-3 HSP70 A3C	Unk-4 HSP70 A4C	Unk-4 HSP70 A4C	Unk-4 HSP70 A4C
B	Unk-5 HSP70 A5C	Unk-5 HSP70 A5C	Unk-5 HSP70 A5C	Unk-6 HSP70 B1C	Unk-6 HSP70 B1C	Unk-6 HSP70 B1C	Unk-7 HSP70 B2C	Unk-7 HSP70 B2C	Unk-7 HSP70 B2C	Unk-8 HSP70 B3C	Unk-8 HSP70 B3C	Unk-8 HSP70 B3C
C	Unk-9 HSP70 B4C	Unk-9 HSP70 B4C	Unk-9 HSP70 B4C	Unk-10 HSP70 B5C	Unk-10 HSP70 B5C	Unk-10 HSP70 B5C	Unk-11 HSP70 C1C	Unk-11 HSP70 C1C	Unk-11 HSP70 C1C	Unk-12 HSP70 C2C	Unk-12 HSP70 C2C	Unk-12 HSP70 C2C
D	Unk-13 HSP70 C3C	Unk-13 HSP70 C3C	Unk-13 HSP70 C3C	Unk-14 HSP70 C4C	Unk-14 HSP70 C4C	Unk-14 HSP70 C4C	Unk-15 HSP70 C5C	Unk-15 HSP70 C5C	Unk-15 HSP70 C5C	Unk-16 HSP70 D1C	Unk-16 HSP70 D1C	Unk-16 HSP70 D1C

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
E	Unk-17 HSP70 D2C	Unk-17 HSP70 D2C	Unk-17 HSP70 D2C	Unk-18 HSP70 D3C	Unk-18 HSP70 D3C	Unk-18 HSP70 D3C	Unk-19 HSP70 D4C	Unk-19 HSP70 D4C	Unk-19 HSP70 D4C	Unk-20 HSP70 D5C	Unk-20 HSP70 D5C	Unk-20 HSP70 D5C
F	Unk-21 HSP70 A1M	Unk-21 HSP70 A1M	Unk-21 HSP70 A1M	Unk-22 HSP70 A2M	Unk-22 HSP70 A2M	Unk-22 HSP70 A2M	Unk-23 HSP70 A3M	Unk-23 HSP70 A3M	Unk-23 HSP70 A3M	Unk-24 HSP70 A4M	Unk-24 HSP70 A4M	Unk-24 HSP70 A4M
G	Unk-25 HSP70 A5M	Unk-25 HSP70 A5M	Unk-25 HSP70 A5M	Unk-26 HSP70 B1M	Unk-26 HSP70 B1M	Unk-26 HSP70 B1M	Unk-27 HSP70 B2M	Unk-27 HSP70 B2M	Unk-27 HSP70 B2M	Unk-28 HSP70 B3M	Unk-28 HSP70 B3M	Unk-28 HSP70 B3M
H	Unk-29 HSP70 B4M	Unk-29 HSP70 B4M	Unk-29 HSP70 B4M	Unk-30 HSP70 B5M	Unk-30 HSP70 B5M	Unk-30 HSP70 B5M	Unk-31 HSP70 C1M	Unk-31 HSP70 C1M	Unk-31 HSP70 C1M	Unk-32 HSP70 C2M	Unk-32 HSP70 C2M	Unk-32 HSP70 C2M

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3513.60, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	HSP70	Unkn-01	A1C	30.71	30.42	0.257
A02	SYBR	HSP70	Unkn-01	A1C	30.23	30.42	0.257
A03	SYBR	HSP70	Unkn-01	A1C	30.33	30.42	0.257
A04	SYBR	HSP70	Unkn-02	A2C	29.30	29.22	0.196
A05	SYBR	HSP70	Unkn-02	A2C	29.00	29.22	0.196
A06	SYBR	HSP70	Unkn-02	A2C	29.36	29.22	0.196
A07	SYBR	HSP70	Unkn-03	A3C	27.06	26.96	0.106
A08	SYBR	HSP70	Unkn-03	A3C	26.85	26.96	0.106

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A09	SYBR	HSP70	Unkn-03	A3C	26.98	26.96	0.106
A10	SYBR	HSP70	Unkn-04	A4C	28.31	28.17	0.132
A11	SYBR	HSP70	Unkn-04	A4C	28.06	28.17	0.132
A12	SYBR	HSP70	Unkn-04	A4C	28.13	28.17	0.132
B01	SYBR	HSP70	Unkn-05	A5C	31.22	31.26	0.028
B02	SYBR	HSP70	Unkn-05	A5C	31.28	31.26	0.028
B03	SYBR	HSP70	Unkn-05	A5C	31.26	31.26	0.028
B04	SYBR	HSP70	Unkn-06	B1C	30.43	30.29	0.120
B05	SYBR	HSP70	Unkn-06	B1C	30.20	30.29	0.120
B06	SYBR	HSP70	Unkn-06	B1C	30.25	30.29	0.120
B07	SYBR	HSP70	Unkn-07	B2C	30.38	30.18	0.186
B08	SYBR	HSP70	Unkn-07	B2C	30.02	30.18	0.186
B09	SYBR	HSP70	Unkn-07	B2C	30.13	30.18	0.186
B10	SYBR	HSP70	Unkn-08	B3C	29.13	29.12	0.101
B11	SYBR	HSP70	Unkn-08	B3C	29.01	29.12	0.101
B12	SYBR	HSP70	Unkn-08	B3C	29.21	29.12	0.101
C01	SYBR	HSP70	Unkn-09	B4C	30.14	30.18	0.108
C02	SYBR	HSP70	Unkn-09	B4C	30.09	30.18	0.108
C03	SYBR	HSP70	Unkn-09	B4C	30.30	30.18	0.108
C04	SYBR	HSP70	Unkn-10	B5C	27.64	27.69	0.226
C05	SYBR	HSP70	Unkn-10	B5C	27.49	27.69	0.226
C06	SYBR	HSP70	Unkn-10	B5C	27.94	27.69	0.226
C07	SYBR	HSP70	Unkn-11	C1C	27.93	27.81	0.141
C08	SYBR	HSP70	Unkn-11	C1C	27.65	27.81	0.141
C09	SYBR	HSP70	Unkn-11	C1C	27.84	27.81	0.141
C10	SYBR	HSP70	Unkn-12	C2C	28.38	28.10	0.288
C11	SYBR	HSP70	Unkn-12	C2C	27.80	28.10	0.288
C12	SYBR	HSP70	Unkn-12	C2C	28.13	28.10	0.288
D01	SYBR	HSP70	Unkn-13	C3C	30.09	29.92	0.144
D02	SYBR	HSP70	Unkn-13	C3C	29.87	29.92	0.144
D03	SYBR	HSP70	Unkn-13	C3C	29.81	29.92	0.144
D04	SYBR	HSP70	Unkn-14	C4C	31.67	31.52	0.203
D05	SYBR	HSP70	Unkn-14	C4C	31.29	31.52	0.203
D06	SYBR	HSP70	Unkn-14	C4C	31.60	31.52	0.203
D07	SYBR	HSP70	Unkn-15	C5C	28.09	28.14	0.221
D08	SYBR	HSP70	Unkn-15	C5C	27.95	28.14	0.221
D09	SYBR	HSP70	Unkn-15	C5C	28.38	28.14	0.221
D10	SYBR	HSP70	Unkn-16	D1C	27.86	27.88	0.113
D11	SYBR	HSP70	Unkn-16	D1C	27.78	27.88	0.113
D12	SYBR	HSP70	Unkn-16	D1C	28.00	27.88	0.113
E01	SYBR	HSP70	Unkn-17	D2C	29.27	29.02	0.244
E02	SYBR	HSP70	Unkn-17	D2C	28.78	29.02	0.244
E03	SYBR	HSP70	Unkn-17	D2C	29.02	29.02	0.244
E04	SYBR	HSP70	Unkn-18	D3C	29.57	29.54	0.102
E05	SYBR	HSP70	Unkn-18	D3C	29.62	29.54	0.102
E06	SYBR	HSP70	Unkn-18	D3C	29.42	29.54	0.102
E07	SYBR	HSP70	Unkn-19	D4C	28.01	27.93	0.084
E08	SYBR	HSP70	Unkn-19	D4C	27.94	27.93	0.084
E09	SYBR	HSP70	Unkn-19	D4C	27.84	27.93	0.084

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E10	SYBR	HSP70	Unkn-20	D5C	31.17	31.28	0.211
E11	SYBR	HSP70	Unkn-20	D5C	31.16	31.28	0.211
E12	SYBR	HSP70	Unkn-20	D5C	31.53	31.28	0.211
F01	SYBR	HSP70	Unkn-21	A1M	29.05	29.02	0.103
F02	SYBR	HSP70	Unkn-21	A1M	28.90	29.02	0.103
F03	SYBR	HSP70	Unkn-21	A1M	29.10	29.02	0.103
F04	SYBR	HSP70	Unkn-22	A2M	31.84	31.97	0.118
F05	SYBR	HSP70	Unkn-22	A2M	31.99	31.97	0.118
F06	SYBR	HSP70	Unkn-22	A2M	32.07	31.97	0.118
F07	SYBR	HSP70	Unkn-23	A3M	31.70	31.72	0.111
F08	SYBR	HSP70	Unkn-23	A3M	31.62	31.72	0.111
F09	SYBR	HSP70	Unkn-23	A3M	31.84	31.72	0.111
F10	SYBR	HSP70	Unkn-24	A4M	28.99	28.92	0.091
F11	SYBR	HSP70	Unkn-24	A4M	28.96	28.92	0.091
F12	SYBR	HSP70	Unkn-24	A4M	28.82	28.92	0.091
G01	SYBR	HSP70	Unkn-25	A5M	29.22	29.30	0.127
G02	SYBR	HSP70	Unkn-25	A5M	29.24	29.30	0.127
G03	SYBR	HSP70	Unkn-25	A5M	29.45	29.30	0.127
G04	SYBR	HSP70	Unkn-26	B1M	26.35	26.36	0.168
G05	SYBR	HSP70	Unkn-26	B1M	26.20	26.36	0.168
G06	SYBR	HSP70	Unkn-26	B1M	26.53	26.36	0.168
G07	SYBR	HSP70	Unkn-27	B2M	28.43	28.46	0.046
G08	SYBR	HSP70	Unkn-27	B2M	28.51	28.46	0.046
G09	SYBR	HSP70	Unkn-27	B2M	28.45	28.46	0.046
G10	SYBR	HSP70	Unkn-28	B3M	29.19	29.03	0.163
G11	SYBR	HSP70	Unkn-28	B3M	29.03	29.03	0.163
G12	SYBR	HSP70	Unkn-28	B3M	28.87	29.03	0.163
H01	SYBR	HSP70	Unkn-29	B4M	27.24	27.42	0.170
H02	SYBR	HSP70	Unkn-29	B4M	27.46	27.42	0.170
H03	SYBR	HSP70	Unkn-29	B4M	27.57	27.42	0.170
H04	SYBR	HSP70	Unkn-30	B5M	33.75	32.81	0.809
H05	SYBR	HSP70	Unkn-30	B5M	32.37	32.81	0.809
H06	SYBR	HSP70	Unkn-30	B5M	32.32	32.81	0.809
H07	SYBR	HSP70	Unkn-31	C1M	29.62	29.77	0.302
H08	SYBR	HSP70	Unkn-31	C1M	29.56	29.77	0.302
H09	SYBR	HSP70	Unkn-31	C1M	30.11	29.77	0.302
H10	SYBR	HSP70	Unkn-32	C2M	28.53	28.55	0.133
H11	SYBR	HSP70	Unkn-32	C2M	28.43	28.55	0.133
H12	SYBR	HSP70	Unkn-32	C2M	28.70	28.55	0.133

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:H4, H5, H6.	False	