sam_2026-01-28-16-06-43_Connect-HSP90-01.pcrd

01/29/2026 13:19

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-28-16-06-43_Connect-HSP90-01.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 16:07
Run User: sam
Run Type: User-defined
Plate File: mgig-01-HSP90-polyIC-valentina-cfx-plate.pltd
ID:
Notes: HSP90 - Primer SRIDs 1532 and 1533
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

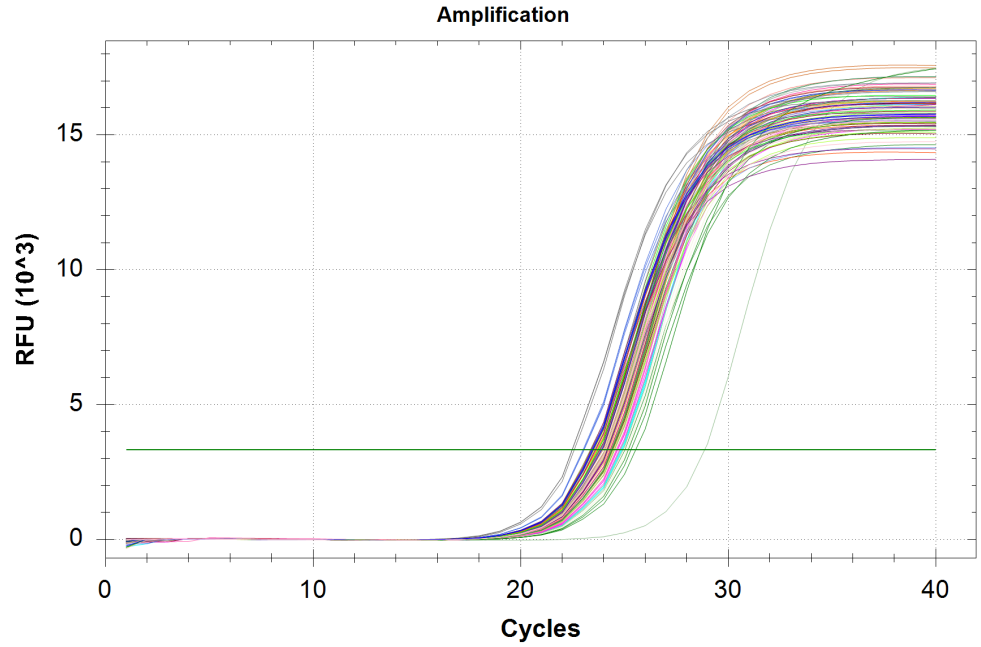
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 HSP90 A1C	Unk-1 HSP90 A1C	Unk-1 HSP90 A1C	Unk-2 HSP90 A2C	Unk-2 HSP90 A2C	Unk-2 HSP90 A2C	Unk-3 HSP90 A3C	Unk-3 HSP90 A3C	Unk-3 HSP90 A3C	Unk-4 HSP90 A4C	Unk-4 HSP90 A4C	Unk-4 HSP90 A4C
B	Unk-5 HSP90 A5C	Unk-5 HSP90 A5C	Unk-5 HSP90 A5C	Unk-6 HSP90 B1C	Unk-6 HSP90 B1C	Unk-6 HSP90 B1C	Unk-7 HSP90 B2C	Unk-7 HSP90 B2C	Unk-7 HSP90 B2C	Unk-8 HSP90 B3C	Unk-8 HSP90 B3C	Unk-8 HSP90 B3C
C	Unk-9 HSP90 B4C	Unk-9 HSP90 B4C	Unk-9 HSP90 B4C	Unk-10 HSP90 B5C	Unk-10 HSP90 B5C	Unk-10 HSP90 B5C	Unk-11 HSP90 C1C	Unk-11 HSP90 C1C	Unk-11 HSP90 C1C	Unk-12 HSP90 C2C	Unk-12 HSP90 C2C	Unk-12 HSP90 C2C
D	Unk-13 HSP90 C3C	Unk-13 HSP90 C3C	Unk-13 HSP90 C3C	Unk-14 HSP90 C4C	Unk-14 HSP90 C4C	Unk-14 HSP90 C4C	Unk-15 HSP90 C5C	Unk-15 HSP90 C5C	Unk-15 HSP90 C5C	Unk-16 HSP90 D1C	Unk-16 HSP90 D1C	Unk-16 HSP90 D1C
E	Unk-17 HSP90 D2C	Unk-17 HSP90 D2C	Unk-17 HSP90 D2C	Unk-18 HSP90 D3C	Unk-18 HSP90 D3C	Unk-18 HSP90 D3C	Unk-19 HSP90 D4C	Unk-19 HSP90 D4C	Unk-19 HSP90 D4C	Unk-20 HSP90 D5C	Unk-20 HSP90 D5C	Unk-20 HSP90 D5C

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
F	Unk-21 HSP90 A1M	Unk-21 HSP90 A1M	Unk-21 HSP90 A1M	Unk-22 HSP90 A2M	Unk-22 HSP90 A2M	Unk-22 HSP90 A2M	Unk-23 HSP90 A3M	Unk-23 HSP90 A3M	Unk-23 HSP90 A3M	Unk-24 HSP90 A4M	Unk-24 HSP90 A4M	Unk-24 HSP90 A4M
G	Unk-25 HSP90 A5M	Unk-25 HSP90 A5M	Unk-25 HSP90 A5M	Unk-26 HSP90 B1M	Unk-26 HSP90 B1M	Unk-26 HSP90 B1M	Unk-27 HSP90 B2M	Unk-27 HSP90 B2M	Unk-27 HSP90 B2M	Unk-28 HSP90 B3M	Unk-28 HSP90 B3M	Unk-28 HSP90 B3M
H	Unk-29 HSP90 B4M	Unk-29 HSP90 B4M	Unk-29 HSP90 B4M	Unk-30 HSP90 B5M	Unk-30 HSP90 B5M	Unk-30 HSP90 B5M	Unk-31 HSP90 C1M	Unk-31 HSP90 C1M	Unk-31 HSP90 C1M	Unk-32 HSP90 C2M	Unk-32 HSP90 C2M	Unk-32 HSP90 C2M

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3319.69, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	HSP90	Unkn-01	A1C	24.40	24.35	0.047
A02	SYBR	HSP90	Unkn-01	A1C	24.33	24.35	0.047
A03	SYBR	HSP90	Unkn-01	A1C	24.31	24.35	0.047
A04	SYBR	HSP90	Unkn-02	A2C	24.89	24.85	0.036
A05	SYBR	HSP90	Unkn-02	A2C	24.85	24.85	0.036
A06	SYBR	HSP90	Unkn-02	A2C	24.81	24.85	0.036
A07	SYBR	HSP90	Unkn-03	A3C	23.67	23.64	0.090
A08	SYBR	HSP90	Unkn-03	A3C	23.71	23.64	0.090
A09	SYBR	HSP90	Unkn-03	A3C	23.54	23.64	0.090
A10	SYBR	HSP90	Unkn-04	A4C	24.41	24.65	0.323

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A11	SYBR	HSP90	Unkn-04	A4C	24.52	24.65	0.323
A12	SYBR	HSP90	Unkn-04	A4C	25.02	24.65	0.323
B01	SYBR	HSP90	Unkn-05	A5C	24.67	24.69	0.052
B02	SYBR	HSP90	Unkn-05	A5C	24.75	24.69	0.052
B03	SYBR	HSP90	Unkn-05	A5C	24.66	24.69	0.052
B04	SYBR	HSP90	Unkn-06	B1C	24.12	24.04	0.079
B05	SYBR	HSP90	Unkn-06	B1C	23.96	24.04	0.079
B06	SYBR	HSP90	Unkn-06	B1C	24.04	24.04	0.079
B07	SYBR	HSP90	Unkn-07	B2C	24.79	26.19	2.310
B08	SYBR	HSP90	Unkn-07	B2C	28.86	26.19	2.310
B09	SYBR	HSP90	Unkn-07	B2C	24.93	26.19	2.310
B10	SYBR	HSP90	Unkn-08	B3C	24.31	24.32	0.108
B11	SYBR	HSP90	Unkn-08	B3C	24.21	24.32	0.108
B12	SYBR	HSP90	Unkn-08	B3C	24.43	24.32	0.108
C01	SYBR	HSP90	Unkn-09	B4C	23.49	23.42	0.071
C02	SYBR	HSP90	Unkn-09	B4C	23.40	23.42	0.071
C03	SYBR	HSP90	Unkn-09	B4C	23.36	23.42	0.071
C04	SYBR	HSP90	Unkn-10	B5C	24.07	24.08	0.023
C05	SYBR	HSP90	Unkn-10	B5C	24.06	24.08	0.023
C06	SYBR	HSP90	Unkn-10	B5C	24.10	24.08	0.023
C07	SYBR	HSP90	Unkn-11	C1C	25.14	25.08	0.080
C08	SYBR	HSP90	Unkn-11	C1C	24.99	25.08	0.080
C09	SYBR	HSP90	Unkn-11	C1C	25.10	25.08	0.080
C10	SYBR	HSP90	Unkn-12	C2C	23.03	23.03	0.026
C11	SYBR	HSP90	Unkn-12	C2C	23.05	23.03	0.026
C12	SYBR	HSP90	Unkn-12	C2C	23.00	23.03	0.026
D01	SYBR	HSP90	Unkn-13	C3C	23.83	23.81	0.022
D02	SYBR	HSP90	Unkn-13	C3C	23.78	23.81	0.022
D03	SYBR	HSP90	Unkn-13	C3C	23.81	23.81	0.022
D04	SYBR	HSP90	Unkn-14	C4C	24.40	24.35	0.086
D05	SYBR	HSP90	Unkn-14	C4C	24.40	24.35	0.086
D06	SYBR	HSP90	Unkn-14	C4C	24.25	24.35	0.086
D07	SYBR	HSP90	Unkn-15	C5C	24.10	24.08	0.028
D08	SYBR	HSP90	Unkn-15	C5C	24.09	24.08	0.028
D09	SYBR	HSP90	Unkn-15	C5C	24.04	24.08	0.028
D10	SYBR	HSP90	Unkn-16	D1C	24.60	24.57	0.068
D11	SYBR	HSP90	Unkn-16	D1C	24.62	24.57	0.068
D12	SYBR	HSP90	Unkn-16	D1C	24.49	24.57	0.068
E01	SYBR	HSP90	Unkn-17	D2C	23.82	23.70	0.109
E02	SYBR	HSP90	Unkn-17	D2C	23.66	23.70	0.109
E03	SYBR	HSP90	Unkn-17	D2C	23.61	23.70	0.109
E04	SYBR	HSP90	Unkn-18	D3C	23.91	23.94	0.088
E05	SYBR	HSP90	Unkn-18	D3C	24.04	23.94	0.088
E06	SYBR	HSP90	Unkn-18	D3C	23.87	23.94	0.088
E07	SYBR	HSP90	Unkn-19	D4C	24.17	24.21	0.081
E08	SYBR	HSP90	Unkn-19	D4C	24.30	24.21	0.081
E09	SYBR	HSP90	Unkn-19	D4C	24.16	24.21	0.081
E10	SYBR	HSP90	Unkn-20	D5C	23.90	23.96	0.127
E11	SYBR	HSP90	Unkn-20	D5C	23.87	23.96	0.127

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E12	SYBR	HSP90	Unkn-20	D5C	24.10	23.96	0.127
F01	SYBR	HSP90	Unkn-21	A1M	24.45	24.44	0.076
F02	SYBR	HSP90	Unkn-21	A1M	24.51	24.44	0.076
F03	SYBR	HSP90	Unkn-21	A1M	24.36	24.44	0.076
F04	SYBR	HSP90	Unkn-22	A2M	23.58	23.60	0.201
F05	SYBR	HSP90	Unkn-22	A2M	23.42	23.60	0.201
F06	SYBR	HSP90	Unkn-22	A2M	23.82	23.60	0.201
F07	SYBR	HSP90	Unkn-23	A3M	24.37	24.38	0.020
F08	SYBR	HSP90	Unkn-23	A3M	24.41	24.38	0.020
F09	SYBR	HSP90	Unkn-23	A3M	24.37	24.38	0.020
F10	SYBR	HSP90	Unkn-24	A4M	24.14	24.10	0.047
F11	SYBR	HSP90	Unkn-24	A4M	24.11	24.10	0.047
F12	SYBR	HSP90	Unkn-24	A4M	24.05	24.10	0.047
G01	SYBR	HSP90	Unkn-25	A5M	24.20	24.09	0.165
G02	SYBR	HSP90	Unkn-25	A5M	24.17	24.09	0.165
G03	SYBR	HSP90	Unkn-25	A5M	23.90	24.09	0.165
G04	SYBR	HSP90	Unkn-26	B1M	22.48	22.51	0.057
G05	SYBR	HSP90	Unkn-26	B1M	22.48	22.51	0.057
G06	SYBR	HSP90	Unkn-26	B1M	22.58	22.51	0.057
G07	SYBR	HSP90	Unkn-27	B2M	24.04	24.12	0.092
G08	SYBR	HSP90	Unkn-27	B2M	24.10	24.12	0.092
G09	SYBR	HSP90	Unkn-27	B2M	24.22	24.12	0.092
G10	SYBR	HSP90	Unkn-28	B3M	23.50	23.65	0.129
G11	SYBR	HSP90	Unkn-28	B3M	23.72	23.65	0.129
G12	SYBR	HSP90	Unkn-28	B3M	23.73	23.65	0.129
H01	SYBR	HSP90	Unkn-29	B4M	23.59	23.49	0.106
H02	SYBR	HSP90	Unkn-29	B4M	23.49	23.49	0.106
H03	SYBR	HSP90	Unkn-29	B4M	23.38	23.49	0.106
H04	SYBR	HSP90	Unkn-30	B5M	25.18	25.34	0.179
H05	SYBR	HSP90	Unkn-30	B5M	25.54	25.34	0.179
H06	SYBR	HSP90	Unkn-30	B5M	25.31	25.34	0.179
H07	SYBR	HSP90	Unkn-31	C1M	23.47	23.45	0.021
H08	SYBR	HSP90	Unkn-31	C1M	23.43	23.45	0.021
H09	SYBR	HSP90	Unkn-31	C1M	23.46	23.45	0.021
H10	SYBR	HSP90	Unkn-32	C2M	24.12	24.10	0.019
H11	SYBR	HSP90	Unkn-32	C2M	24.08	24.10	0.019
H12	SYBR	HSP90	Unkn-32	C2M	24.10	24.10	0.019

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:B7, B8, B9.	False	