sam_2024-12-11_11-32-27_CFX96-HSP90-03.pcrd

12/12/2024 22:33

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-11_11-32-27_CFX96-HSP90-03.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: 12/11/2024 11:32
Run User: sam
Run Type: User-defined
Plate File: cgig-HSP90-cfx-plate-03.pltd
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: CC009827
Optical Head Serial Number: 785BR3659

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

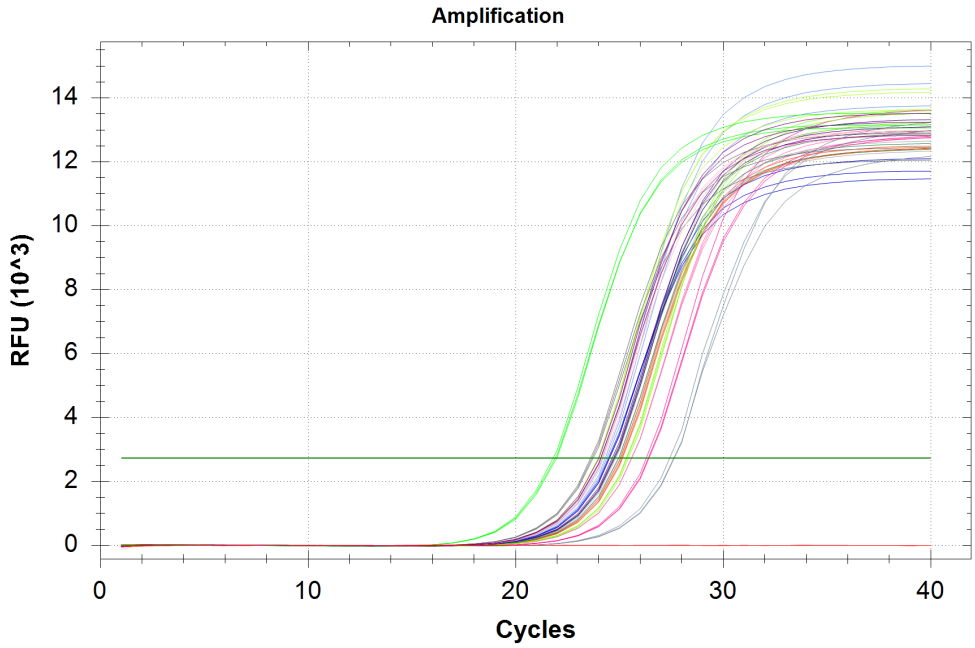
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_Hsp90_ F/R (SR IDs: 1532/3) 351	Unk-1 Cg_Hsp90_ F/R (SR IDs: 1532/3) 351	Unk-1 Cg_Hsp90_ F/R (SR IDs: 1532/3) 351	Unk-2 Cg_Hsp90_ F/R (SR IDs: 1532/3) 353	Unk-2 Cg_Hsp90_ F/R (SR IDs: 1532/3) 353	Unk-2 Cg_Hsp90_ F/R (SR IDs: 1532/3) 353	Unk-3 Cg_Hsp90_ F/R (SR IDs: 1532/3) 355	Unk-3 Cg_Hsp90_ F/R (SR IDs: 1532/3) 355	Unk-3 Cg_Hsp90_ F/R (SR IDs: 1532/3) 355	Unk-4 Cg_Hsp90_ F/R (SR IDs: 1532/3) 357	Unk-4 Cg_Hsp90_ F/R (SR IDs: 1532/3) 357	Unk-4 Cg_Hsp90_ F/R (SR IDs: 1532/3) 357
B	Unk-5 Cg_Hsp90_ F/R (SR IDs: 1532/3) 360	Unk-5 Cg_Hsp90_ F/R (SR IDs: 1532/3) 360	Unk-5 Cg_Hsp90_ F/R (SR IDs: 1532/3) 360	Unk-6 Cg_Hsp90_ F/R (SR IDs: 1532/3) 361	Unk-6 Cg_Hsp90_ F/R (SR IDs: 1532/3) 361	Unk-6 Cg_Hsp90_ F/R (SR IDs: 1532/3) 361	Unk-7 Cg_Hsp90_ F/R (SR IDs: 1532/3) 364	Unk-7 Cg_Hsp90_ F/R (SR IDs: 1532/3) 364	Unk-7 Cg_Hsp90_ F/R (SR IDs: 1532/3) 364	Unk-8 Cg_Hsp90_ F/R (SR IDs: 1532/3) 371	Unk-8 Cg_Hsp90_ F/R (SR IDs: 1532/3) 371	Unk-8 Cg_Hsp90_ F/R (SR IDs: 1532/3) 371
C	Unk-9 Cg_Hsp90_ F/R (SR IDs: 1532/3) 374	Unk-9 Cg_Hsp90_ F/R (SR IDs: 1532/3) 374	Unk-9 Cg_Hsp90_ F/R (SR IDs: 1532/3) 374	Unk-10 Cg_Hsp90_ F/R (SR IDs: 1532/3) 378	Unk-10 Cg_Hsp90_ F/R (SR IDs: 1532/3) 378	Unk-10 Cg_Hsp90_ F/R (SR IDs: 1532/3) 378	Unk-11 Cg_Hsp90_ F/R (SR IDs: 1532/3) 381	Unk-11 Cg_Hsp90_ F/R (SR IDs: 1532/3) 381	Unk-11 Cg_Hsp90_ F/R (SR IDs: 1532/3) 381	Unk-12 Cg_Hsp90_ F/R (SR IDs: 1532/3) 386	Unk-12 Cg_Hsp90_ F/R (SR IDs: 1532/3) 386	Unk-12 Cg_Hsp90_ F/R (SR IDs: 1532/3) 386

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk-13 Cg_Hsp90_ F/R (SR IDs: 1532/3) 392	Unk-13 Cg_Hsp90_ F/R (SR IDs: 1532/3) 392	Unk-13 Cg_Hsp90_ F/R (SR IDs: 1532/3) 392	Unk-14 Cg_Hsp90_ F/R (SR IDs: 1532/3) 394	Unk-14 Cg_Hsp90_ F/R (SR IDs: 1532/3) 394	Unk-14 Cg_Hsp90_ F/R (SR IDs: 1532/3) 394	Unk-15 Cg_Hsp90_ F/R (SR IDs: 1532/3) 395	Unk-15 Cg_Hsp90_ F/R (SR IDs: 1532/3) 395	Unk-15 Cg_Hsp90_ F/R (SR IDs: 1532/3) 395	NTC-1 Cg_Hsp90_ F/R (S	NTC-1 Cg_Hsp90_ F/R (S	NTC-1 Cg_Hsp90_ F/R (S
E												
F												
G												
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2730.41, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-01	351	25.06	24.95	0.123
A02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-01	351	24.98	24.95	0.123
A03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-01	351	24.82	24.95	0.123
A04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-02	353	25.57	25.58	0.005

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-02	353	25.58	25.58	0.005
A06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-02	353	25.58	25.58	0.005
A07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-03	355	25.14	25.10	0.053
A08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-03	355	25.11	25.10	0.053
A09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-03	355	25.04	25.10	0.053
A10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-04	357	24.52	24.50	0.031
A11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-04	357	24.51	24.50	0.031
A12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-04	357	24.46	24.50	0.031
B01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-05	360	26.42	26.36	0.067
B02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-05	360	26.39	26.36	0.067
B03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-05	360	26.29	26.36	0.067
B04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-06	361	24.39	24.29	0.106
B05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-06	361	24.18	24.29	0.106
B06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-06	361	24.31	24.29	0.106
B07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-07	364	24.00	23.99	0.013
B08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-07	364	23.97	23.99	0.013
B09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-07	364	23.99	23.99	0.013
B10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-08	371	27.64	27.56	0.122
B11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-08	371	27.42	27.56	0.122
B12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-08	371	27.62	27.56	0.122

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-09	374	24.95	24.81	0.125
C02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-09	374	24.76	24.81	0.125
C03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-09	374	24.72	24.81	0.125
C04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-10	378	25.43	25.37	0.051
C05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-10	378	25.33	25.37	0.051
C06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-10	378	25.36	25.37	0.051
C07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-11	381	24.77	24.71	0.061
C08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-11	381	24.71	24.71	0.061
C09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-11	381	24.65	24.71	0.061
C10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-12	386	23.61	23.67	0.063
C11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-12	386	23.67	23.67	0.063
C12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-12	386	23.73	23.67	0.063
D01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-13	392	24.24	24.17	0.062
D02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-13	392	24.12	24.17	0.062
D03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-13	392	24.16	24.17	0.062
D04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-14	394	21.97	21.89	0.087
D05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-14	394	21.90	21.89	0.087
D06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-14	394	21.80	21.89	0.087
D07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-15	395	24.09	24.07	0.050
D08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-15	395	24.10	24.07	0.050

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
D09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-15	395	24.01	24.07	0.050
D10	SYBR	Cg_Hsp90_F/R (S	NTC-01		N/A	0.00	0.000
D11	SYBR	Cg_Hsp90_F/R (S	NTC-01		N/A	0.00	0.000
D12	SYBR	Cg_Hsp90_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	