



sam_2024-12-11_10-25-40_Connect-HSP70-03.pcrd

12/12/2024 22:28

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-11_10-25-40_Connect-HSP70-03.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 10:25
Run User: sam
Run Type: User-defined
Plate File: cgig-HSP70-cfx-plate-03.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

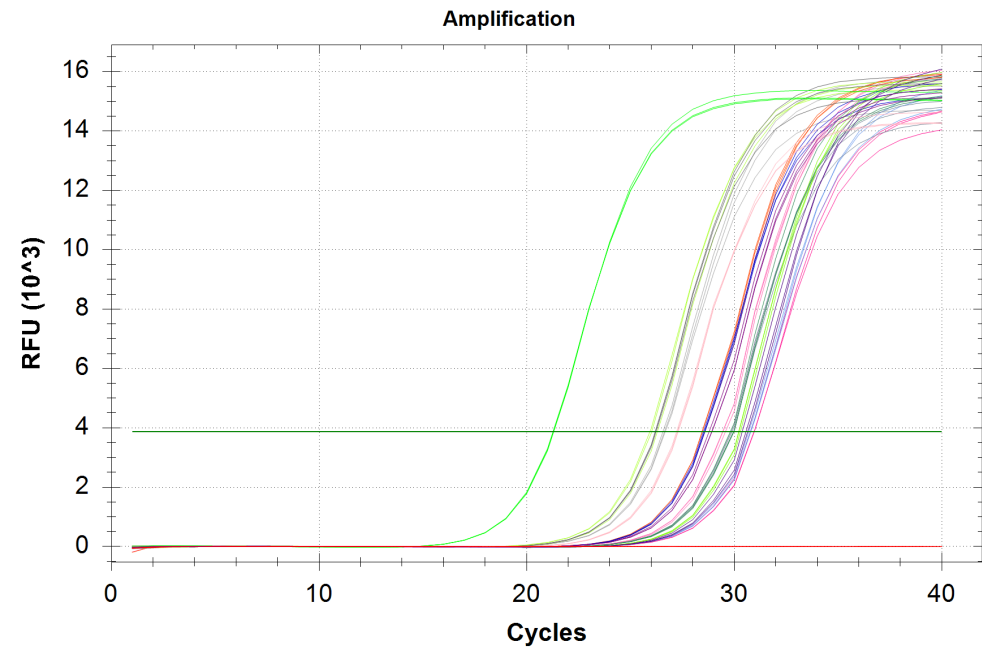
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 351	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 351	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 351	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 353	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 353	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 353	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 355	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 355	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 355	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 357	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 357	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 357
B	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 360	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 360	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 360	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 361	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 361	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 361	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 364	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 364	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 364	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 371	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 371	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 371

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_HSP70_F/R (SR IDs: 598/9) 374	Unk-9 Cg_HSP70_F/R (SR IDs: 598/9) 374	Unk-9 Cg_HSP70_F/R (SR IDs: 598/9) 374	Unk-10 Cg_HSP70_F/R (SR IDs: 598/9) 378	Unk-10 Cg_HSP70_F/R (SR IDs: 598/9) 378	Unk-10 Cg_HSP70_F/R (SR IDs: 598/9) 378	Unk-11 Cg_HSP70_F/R (SR IDs: 598/9) 381	Unk-11 Cg_HSP70_F/R (SR IDs: 598/9) 381	Unk-11 Cg_HSP70_F/R (SR IDs: 598/9) 381	Unk-12 Cg_HSP70_F/R (SR IDs: 598/9) 386	Unk-12 Cg_HSP70_F/R (SR IDs: 598/9) 386	Unk-12 Cg_HSP70_F/R (SR IDs: 598/9) 386
D	Unk-13 Cg_HSP70_F/R (SR IDs: 598/9) 392	Unk-13 Cg_HSP70_F/R (SR IDs: 598/9) 392	Unk-13 Cg_HSP70_F/R (SR IDs: 598/9) 392	Unk-14 Cg_HSP70_F/R (SR IDs: 598/9) 394	Unk-14 Cg_HSP70_F/R (SR IDs: 598/9) 394	Unk-14 Cg_HSP70_F/R (SR IDs: 598/9) 394	Unk-15 Cg_HSP70_F/R (SR IDs: 598/9) 395	Unk-15 Cg_HSP70_F/R (SR IDs: 598/9) 395	Unk-15 Cg_HSP70_F/R (SR IDs: 598/9) 395	NTC-1 Cg_HSP70_F/R (S)	NTC-1 Cg_HSP70_F/R (S)	NTC-1 Cg_HSP70_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: 3866.40, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	351	26.63	26.62	0.057
A02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	351	26.67	26.62	0.057
A03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	351	26.56	26.62	0.057

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	353	29.45	29.49	0.075
A05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	353	29.57	29.49	0.075
A06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	353	29.44	29.49	0.075
A07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	355	28.46	28.49	0.071
A08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	355	28.57	28.49	0.071
A09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	355	28.45	28.49	0.071
A10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	357	28.59	28.55	0.037
A11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	357	28.56	28.55	0.037
A12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	357	28.51	28.55	0.037
B01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	360	30.77	30.89	0.107
B02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	360	30.95	30.89	0.107
B03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	360	30.96	30.89	0.107
B04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	361	30.79	30.75	0.053
B05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	361	30.77	30.75	0.053
B06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	361	30.69	30.75	0.053
B07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	364	26.29	26.08	0.187
B08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	364	26.02	26.08	0.187
B09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	364	25.93	26.08	0.187
B10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	371	29.85	29.90	0.057
B11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	371	29.89	29.90	0.057
B12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	371	29.96	29.90	0.057
C01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	374	29.99	29.92	0.099
C02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	374	29.81	29.92	0.099
C03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	374	29.97	29.92	0.099
C04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	378	30.22	30.24	0.043
C05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	378	30.29	30.24	0.043
C06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	378	30.21	30.24	0.043
C07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	381	30.64	30.53	0.134

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	381	30.56	30.53	0.134
C09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	381	30.38	30.53	0.134
C10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	386	26.19	26.21	0.022
C11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	386	26.20	26.21	0.022
C12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	386	26.23	26.21	0.022
D01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	392	27.22	27.26	0.038
D02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	392	27.26	27.26	0.038
D03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	392	27.29	27.26	0.038
D04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	394	21.28	21.28	0.017
D05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	394	21.30	21.28	0.017
D06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	394	21.27	21.28	0.017
D07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	395	28.91	28.87	0.076
D08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	395	28.92	28.87	0.076
D09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	395	28.78	28.87	0.076
D10	SYBR	Cg_HSP70_F/R (S	NTC-01		N/A	0.00	0.000
D11	SYBR	Cg_HSP70_F/R (S	NTC-01		N/A	0.00	0.000
D12	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	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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	