sam_2025-06-09_12-56-08_CFX96-HSP70.pcrd

Report Information

User: BioRad/sam
Data File Name: sam_2025-06-09_12-56-08_CFX96-HSP70.pcrd
Data File Path: C:\Users\Samb\Downloads\qPCR-20250609
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 06/09/2025 12:56
Run User: sam
Run Type: User-defined
Plate File: cgig-02-HSP70-cfx-plate.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

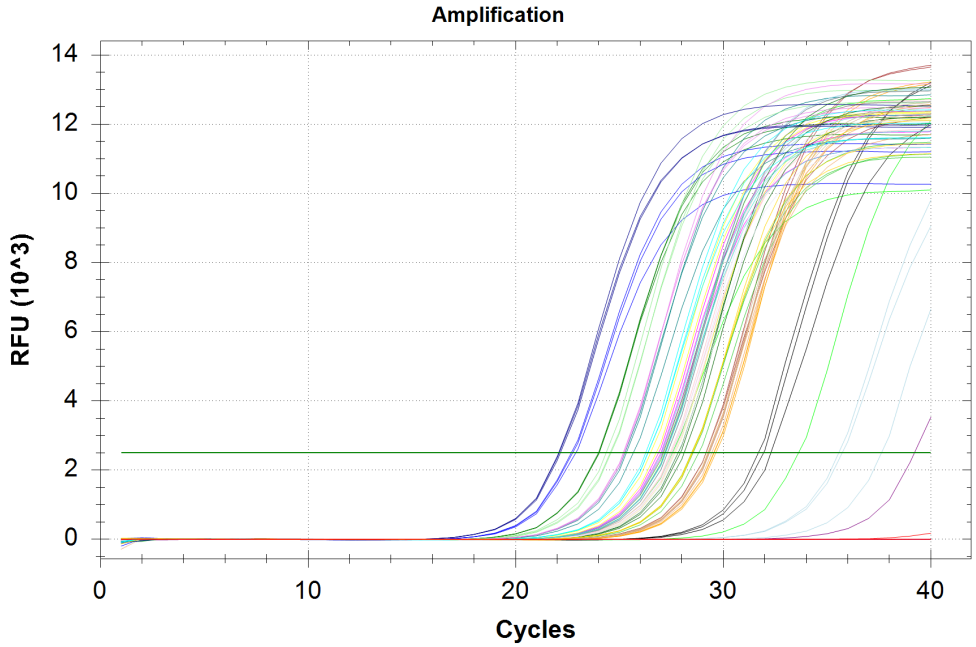
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 12	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 12	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 12	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 14	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 14	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 14	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 15	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 15	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 15	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 18	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 18	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 18
B	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 19	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 19	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 19	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 24	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 24	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 24	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 25	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 25	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 25	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 29	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 29	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 29
C	Unk-9 Cg_HSP70_F/R (SR IDs: 598/9) 39	Unk-9 Cg_HSP70_F/R (SR IDs: 598/9) 39	Unk-9 Cg_HSP70_F/R (SR IDs: 598/9) 39	Unk-10 Cg_HSP70_F/R (SR IDs: 598/9) 40	Unk-10 Cg_HSP70_F/R (SR IDs: 598/9) 40	Unk-10 Cg_HSP70_F/R (SR IDs: 598/9) 40	Unk-11 Cg_HSP70_F/R (SR IDs: 598/9) 43	Unk-11 Cg_HSP70_F/R (SR IDs: 598/9) 43	Unk-11 Cg_HSP70_F/R (SR IDs: 598/9) 43	Unk-12 Cg_HSP70_F/R (SR IDs: 598/9) 49	Unk-12 Cg_HSP70_F/R (SR IDs: 598/9) 49	Unk-12 Cg_HSP70_F/R (SR IDs: 598/9) 49

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk-13 Cg_HSP70 _F/R (SR IDs: 598/9) 53	Unk-13 Cg_HSP70 _F/R (SR IDs: 598/9) 53	Unk-13 Cg_HSP70 _F/R (SR IDs: 598/9) 53	Unk-14 Cg_HSP70 _F/R (SR IDs: 598/9) 59	Unk-14 Cg_HSP70 _F/R (SR IDs: 598/9) 59	Unk-14 Cg_HSP70 _F/R (SR IDs: 598/9) 59	Unk-15 Cg_HSP70 _F/R (SR IDs: 598/9) 60	Unk-15 Cg_HSP70 _F/R (SR IDs: 598/9) 60	Unk-15 Cg_HSP70 _F/R (SR IDs: 598/9) 60	Unk-16 Cg_HSP70 _F/R (SR IDs: 598/9) 62	Unk-16 Cg_HSP70 _F/R (SR IDs: 598/9) 62	Unk-16 Cg_HSP70 _F/R (SR IDs: 598/9) 62
E	Unk-17 Cg_HSP70 _F/R (SR IDs: 598/9) 63	Unk-17 Cg_HSP70 _F/R (SR IDs: 598/9) 63	Unk-17 Cg_HSP70 _F/R (SR IDs: 598/9) 63	Unk-18 Cg_HSP70 _F/R (SR IDs: 598/9) 66	Unk-18 Cg_HSP70 _F/R (SR IDs: 598/9) 66	Unk-18 Cg_HSP70 _F/R (SR IDs: 598/9) 66	Unk-19 Cg_HSP70 _F/R (SR IDs: 598/9) 69	Unk-19 Cg_HSP70 _F/R (SR IDs: 598/9) 69	Unk-19 Cg_HSP70 _F/R (SR IDs: 598/9) 69	Unk-20 Cg_HSP70 _F/R (SR IDs: 598/9) 71	Unk-20 Cg_HSP70 _F/R (SR IDs: 598/9) 71	Unk-20 Cg_HSP70 _F/R (SR IDs: 598/9) 71
F	Unk-21 Cg_HSP70 _F/R (SR IDs: 598/9) 73	Unk-21 Cg_HSP70 _F/R (SR IDs: 598/9) 73	Unk-21 Cg_HSP70 _F/R (SR IDs: 598/9) 73	Unk-22 Cg_HSP70 _F/R (SR IDs: 598/9) 75	Unk-22 Cg_HSP70 _F/R (SR IDs: 598/9) 75	Unk-22 Cg_HSP70 _F/R (SR IDs: 598/9) 75	Unk-23 Cg_HSP70 _F/R (SR IDs: 598/9) 79	Unk-23 Cg_HSP70 _F/R (SR IDs: 598/9) 79	Unk-23 Cg_HSP70 _F/R (SR IDs: 598/9) 79	Unk-24 Cg_HSP70 _F/R (SR IDs: 598/9) 81	Unk-24 Cg_HSP70 _F/R (SR IDs: 598/9) 81	Unk-24 Cg_HSP70 _F/R (SR IDs: 598/9) 81
G	Unk-25 Cg_HSP70 _F/R (SR IDs: 598/9) 89	Unk-25 Cg_HSP70 _F/R (SR IDs: 598/9) 89	Unk-25 Cg_HSP70 _F/R (SR IDs: 598/9) 89	NTC-1 Cg_HSP70 _F/R (SR IDs: 598/9)	NTC-1 Cg_HSP70 _F/R (SR IDs: 598/9)	NTC-1 Cg_HSP70 _F/R (SR IDs: 598/9)						
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2504.65, 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	12	27.55	29.43	3.639

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	12	33.63	29.43	3.639
A03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	12	27.12	29.43	3.639
A04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	14	N/A	0.00	0.000
A05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	14	39.21	39.21	0.000
A06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	14	N/A	0.00	0.000
A07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	15	24.02	24.01	0.017
A08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	15	23.99	24.01	0.017
A09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	15	24.02	24.01	0.017
A10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	18	22.68	22.78	0.111
A11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	18	22.75	22.78	0.111
A12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	18	22.90	22.78	0.111
B01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	19	27.50	27.52	0.085
B02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	19	27.61	27.52	0.085
B03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	19	27.45	27.52	0.085
B04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	24	29.18	29.22	0.092
B05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	24	29.33	29.22	0.092
B06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	24	29.17	29.22	0.092
B07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	25	31.69	31.98	0.302
B08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	25	31.95	31.98	0.302
B09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	25	32.30	31.98	0.302
B10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	29	35.56	36.31	1.143
B11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	29	37.62	36.31	1.143
B12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	29	35.73	36.31	1.143
C01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	39	25.67	25.42	0.218
C02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	39	25.26	25.42	0.218
C03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	39	25.33	25.42	0.218
C04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	40	29.65	29.58	0.056
C05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	40	29.54	29.58	0.056

Quantification Data

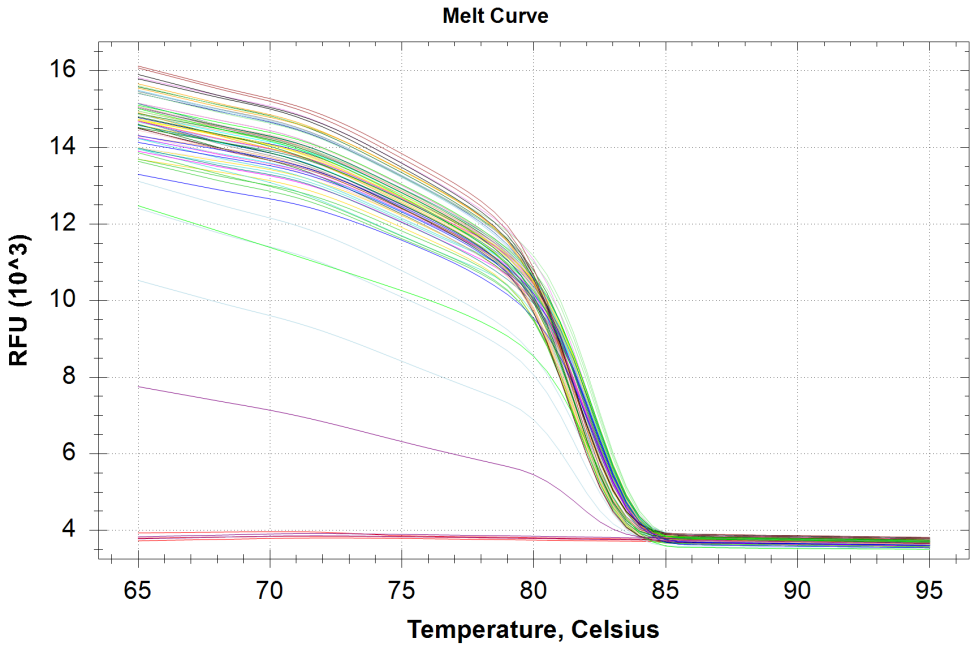
Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	40	29.56	29.58	0.056
C07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	43	24.36	24.50	0.125
C08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	43	24.60	24.50	0.125
C09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	43	24.56	24.50	0.125
C10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	49	26.89	26.99	0.099
C11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	49	27.00	26.99	0.099
C12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	49	27.08	26.99	0.099
D01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	53	27.68	26.98	0.616
D02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	53	26.50	26.98	0.616
D03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	53	26.77	26.98	0.616
D04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	59	27.31	27.24	0.064
D05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	59	27.21	27.24	0.064
D06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	59	27.20	27.24	0.064
D07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	60	27.18	27.24	0.068
D08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	60	27.21	27.24	0.068
D09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	60	27.31	27.24	0.068
D10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	62	28.48	28.62	0.180
D11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	62	28.55	28.62	0.180
D12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	62	28.82	28.62	0.180
E01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	63	29.28	29.33	0.103
E02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	63	29.45	29.33	0.103
E03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	63	29.26	29.33	0.103
E04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	66	25.19	25.21	0.031
E05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	66	25.20	25.21	0.031
E06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	66	25.25	25.21	0.031
E07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	69	27.93	27.96	0.147
E08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	69	27.83	27.96	0.147
E09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	69	28.12	27.96	0.147

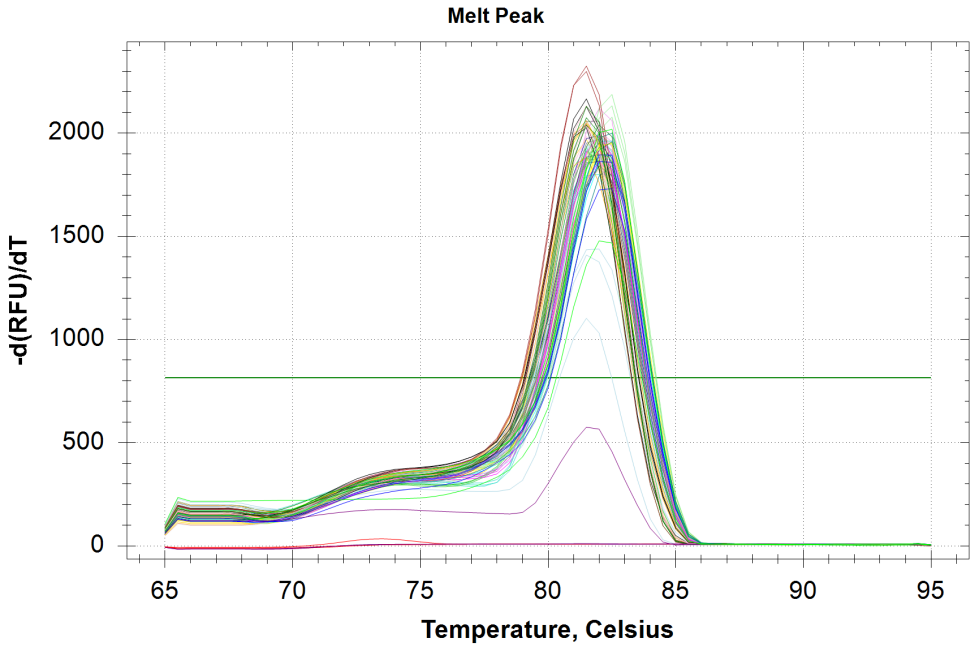
Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	71	27.04	27.16	0.107
E11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	71	27.23	27.16	0.107
E12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	71	27.22	27.16	0.107
F01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	73	27.80	27.67	0.135
F02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	73	27.53	27.67	0.135
F03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	73	27.67	27.67	0.135
F04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	75	22.10	22.11	0.042
F05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	75	22.07	22.11	0.042
F06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	75	22.16	22.11	0.042
F07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	79	29.29	29.27	0.078
F08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	79	29.18	29.27	0.078
F09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	79	29.33	29.27	0.078
F10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	81	26.27	26.34	0.062
F11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	81	26.37	26.34	0.062
F12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	81	26.38	26.34	0.062
G01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	89	28.48	28.50	0.022
G02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	89	28.50	28.50	0.022
G03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	89	28.52	28.50	0.022
G04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	NTC-01		N/A	0.00	0.000
G05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	NTC-01		N/A	0.00	0.000
G06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	NTC-01		N/A	0.00	0.000

Melt Curve

Step #: 5





Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	12	82.00
A02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	12	82.00
A03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	12	82.50
A04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	14	None
A05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	14	None

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	14	None
A07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	15	81.50
A08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	15	81.50
A09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	15	81.50
A10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	18	82.50
A11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	18	82.00
A12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	18	82.50
B01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	19	81.50
B02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	19	81.50
B03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	19	81.50
B04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	24	81.50
B05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	24	81.50
B06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	24	81.50
B07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	25	81.50
B08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	25	81.50
B09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	25	81.50
B10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	29	82.00
B11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	29	81.50
B12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	29	81.50
C01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	39	82.50
C02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	39	82.50
C03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	39	82.50
C04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	40	81.50
C05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	40	81.50
C06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	40	81.50
C07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	43	82.50
C08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	43	82.50
C09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	43	82.50
C10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	49	82.00

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
C11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	49	82.00
C12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	49	82.00
D01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	53	82.50
D02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	53	82.50
D03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	53	82.50
D04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	59	82.00
D05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	59	82.00
D06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	59	82.00
D07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	60	82.00
D08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	60	82.00
D09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	60	82.00
D10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	62	81.50
D11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	62	81.50
D12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	62	81.50
E01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	63	82.00
E02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	63	82.00
E03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	63	82.00
E04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	66	82.00
E05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	66	82.00
E06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	66	82.00
E07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	69	82.00
E08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	69	82.00
E09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	69	82.00
E10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	71	82.00
E11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	71	82.00
E12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	71	82.00
F01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	73	81.50
F02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	73	81.50
F03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	73	81.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
F04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	75	82.00
F05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	75	82.00
F06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	75	82.00
F07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	79	82.00
F08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	79	82.00
F09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	79	82.00
F10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	81	82.50
F11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	81	82.50
F12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	81	82.50
G01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	89	81.50
G02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	89	81.50
G03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	89	81.50
G04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	NTC-01		None
G05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	NTC-01		None
G06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	NTC-01		None

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	SYBR:A4, A6.	False	
Standard without a Cq	N/A	True		False	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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	0.20	True	SYBR:A1, A2, A3, B7, B8, B9, B10, B11, B12, C1, C2, C3, D1, D2, D3.	False	