sam_2024-12-11_09-30-51_Connect-HSP70-01.pcrd

12/12/2024 22:25

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-11_09-30-51_Connect-HSP70-01.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 09:31
Run User: sam
Run Type: User-defined
Plate File: cgig-HSP70-cfx-plate-01.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

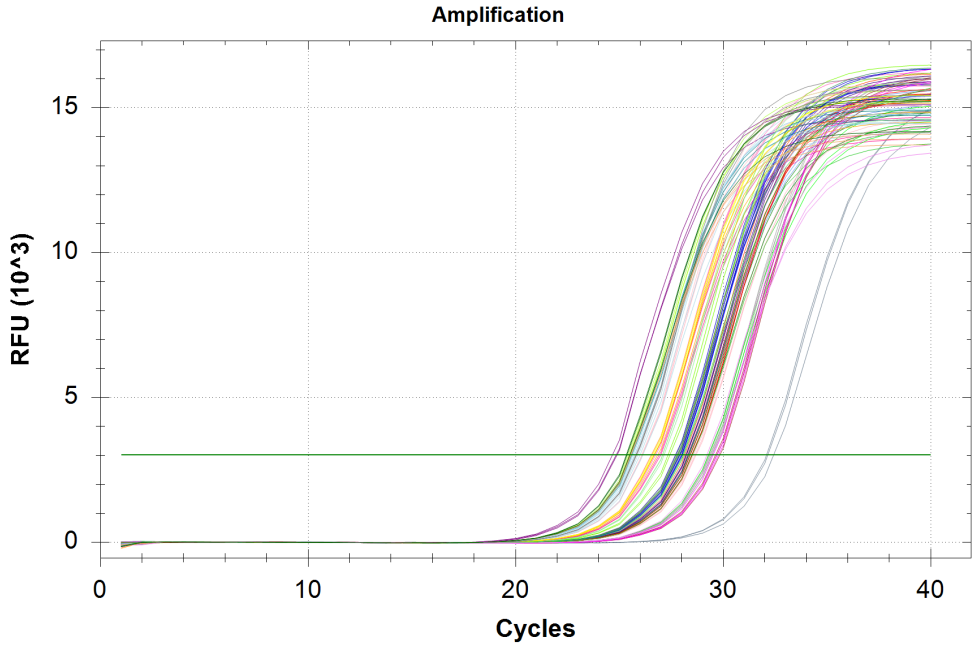
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 201	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 201	Unk-1 Cg_HSP70_F/R (SR IDs: 598/9) 201	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 202	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 202	Unk-2 Cg_HSP70_F/R (SR IDs: 598/9) 202	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 203	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 203	Unk-3 Cg_HSP70_F/R (SR IDs: 598/9) 203	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 204	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 204	Unk-4 Cg_HSP70_F/R (SR IDs: 598/9) 204
B	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 205	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 205	Unk-5 Cg_HSP70_F/R (SR IDs: 598/9) 205	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 207	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 207	Unk-6 Cg_HSP70_F/R (SR IDs: 598/9) 207	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 208	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 208	Unk-7 Cg_HSP70_F/R (SR IDs: 598/9) 208	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 209	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 209	Unk-8 Cg_HSP70_F/R (SR IDs: 598/9) 209

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) 213	Unk-9 Cg_HSP70 _F/R (SR IDs: 598/9) 213	Unk-9 Cg_HSP70 _F/R (SR IDs: 598/9) 213	Unk-10 Cg_HSP70 _F/R (SR IDs: 598/9) 214	Unk-10 Cg_HSP70 _F/R (SR IDs: 598/9) 214	Unk-10 Cg_HSP70 _F/R (SR IDs: 598/9) 214	Unk-11 Cg_HSP70 _F/R (SR IDs: 598/9) 216	Unk-11 Cg_HSP70 _F/R (SR IDs: 598/9) 216	Unk-11 Cg_HSP70 _F/R (SR IDs: 598/9) 216	Unk-12 Cg_HSP70 _F/R (SR IDs: 598/9) 219	Unk-12 Cg_HSP70 _F/R (SR IDs: 598/9) 219	Unk-12 Cg_HSP70 _F/R (SR IDs: 598/9) 219
D	Unk-13 Cg_HSP70 _F/R (SR IDs: 598/9) 227	Unk-13 Cg_HSP70 _F/R (SR IDs: 598/9) 227	Unk-13 Cg_HSP70 _F/R (SR IDs: 598/9) 227	Unk-14 Cg_HSP70 _F/R (SR IDs: 598/9) 229	Unk-14 Cg_HSP70 _F/R (SR IDs: 598/9) 229	Unk-14 Cg_HSP70 _F/R (SR IDs: 598/9) 229	Unk-15 Cg_HSP70 _F/R (SR IDs: 598/9) 230	Unk-15 Cg_HSP70 _F/R (SR IDs: 598/9) 230	Unk-15 Cg_HSP70 _F/R (SR IDs: 598/9) 230	Unk-16 Cg_HSP70 _F/R (SR IDs: 598/9) 231	Unk-16 Cg_HSP70 _F/R (SR IDs: 598/9) 231	Unk-16 Cg_HSP70 _F/R (SR IDs: 598/9) 231
E	Unk-17 Cg_HSP70 _F/R (SR IDs: 598/9) 232	Unk-17 Cg_HSP70 _F/R (SR IDs: 598/9) 232	Unk-17 Cg_HSP70 _F/R (SR IDs: 598/9) 232	Unk-18 Cg_HSP70 _F/R (SR IDs: 598/9) 233	Unk-18 Cg_HSP70 _F/R (SR IDs: 598/9) 233	Unk-18 Cg_HSP70 _F/R (SR IDs: 598/9) 233	Unk-19 Cg_HSP70 _F/R (SR IDs: 598/9) 235	Unk-19 Cg_HSP70 _F/R (SR IDs: 598/9) 235	Unk-19 Cg_HSP70 _F/R (SR IDs: 598/9) 235	Unk-20 Cg_HSP70 _F/R (SR IDs: 598/9) 236	Unk-20 Cg_HSP70 _F/R (SR IDs: 598/9) 236	Unk-20 Cg_HSP70 _F/R (SR IDs: 598/9) 236
F	Unk-21 Cg_HSP70 _F/R (SR IDs: 598/9) 237	Unk-21 Cg_HSP70 _F/R (SR IDs: 598/9) 237	Unk-21 Cg_HSP70 _F/R (SR IDs: 598/9) 237	Unk-22 Cg_HSP70 _F/R (SR IDs: 598/9) 238	Unk-22 Cg_HSP70 _F/R (SR IDs: 598/9) 238	Unk-22 Cg_HSP70 _F/R (SR IDs: 598/9) 238	Unk-23 Cg_HSP70 _F/R (SR IDs: 598/9) 239	Unk-23 Cg_HSP70 _F/R (SR IDs: 598/9) 239	Unk-23 Cg_HSP70 _F/R (SR IDs: 598/9) 239	Unk-24 Cg_HSP70 _F/R (SR IDs: 598/9) 240	Unk-24 Cg_HSP70 _F/R (SR IDs: 598/9) 240	Unk-24 Cg_HSP70 _F/R (SR IDs: 598/9) 240
G	Unk-25 Cg_HSP70 _F/R (SR IDs: 598/9) 241	Unk-25 Cg_HSP70 _F/R (SR IDs: 598/9) 241	Unk-25 Cg_HSP70 _F/R (SR IDs: 598/9) 241	Unk-26 Cg_HSP70 _F/R (SR IDs: 598/9) 245	Unk-26 Cg_HSP70 _F/R (SR IDs: 598/9) 245	Unk-26 Cg_HSP70 _F/R (SR IDs: 598/9) 245	Unk-27 Cg_HSP70 _F/R (SR IDs: 598/9) 248	Unk-27 Cg_HSP70 _F/R (SR IDs: 598/9) 248	Unk-27 Cg_HSP70 _F/R (SR IDs: 598/9) 248	Unk-28 Cg_HSP70 _F/R (SR IDs: 598/9) 250	Unk-28 Cg_HSP70 _F/R (SR IDs: 598/9) 250	Unk-28 Cg_HSP70 _F/R (SR IDs: 598/9) 250
H	Unk-29 Cg_HSP70 _F/R (SR IDs: 598/9) 252	Unk-29 Cg_HSP70 _F/R (SR IDs: 598/9) 252	Unk-29 Cg_HSP70 _F/R (SR IDs: 598/9) 252	Unk-30 Cg_HSP70 _F/R (SR IDs: 598/9) 258	Unk-30 Cg_HSP70 _F/R (SR IDs: 598/9) 258	Unk-30 Cg_HSP70 _F/R (SR IDs: 598/9) 258	Unk-31 Cg_HSP70 _F/R (SR IDs: 598/9) 263	Unk-31 Cg_HSP70 _F/R (SR IDs: 598/9) 263	Unk-31 Cg_HSP70 _F/R (SR IDs: 598/9) 263	Unk-32 Cg_HSP70 _F/R (SR IDs: 598/9) 268	Unk-32 Cg_HSP70 _F/R (SR IDs: 598/9) 268	Unk-32 Cg_HSP70 _F/R (SR IDs: 598/9) 268

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3024.40, 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	201	29.29	29.35	0.072
A02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	201	29.33	29.35	0.072
A03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-01	201	29.43	29.35	0.072
A04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	202	26.75	26.61	0.117
A05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	202	26.54	26.61	0.117
A06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-02	202	26.55	26.61	0.117
A07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	203	28.30	28.22	0.078
A08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	203	28.23	28.22	0.078
A09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-03	203	28.14	28.22	0.078
A10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	204	27.99	27.86	0.147
A11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	204	27.70	27.86	0.147
A12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-04	204	27.90	27.86	0.147
B01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	205	26.92	26.87	0.163
B02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	205	27.00	26.87	0.163
B03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-05	205	26.68	26.87	0.163
B04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	207	28.34	28.28	0.075
B05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	207	28.20	28.28	0.075
B06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-06	207	28.31	28.28	0.075
B07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	208	25.48	25.46	0.033
B08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	208	25.42	25.46	0.033
B09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-07	208	25.47	25.46	0.033
B10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	209	32.09	32.22	0.183
B11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	209	32.15	32.22	0.183
B12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-08	209	32.43	32.22	0.183
C01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	213	27.87	27.82	0.050
C02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	213	27.78	27.82	0.050
C03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-09	213	27.81	27.82	0.050

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	214	27.34	27.53	0.257
C05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	214	27.82	27.53	0.257
C06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-10	214	27.43	27.53	0.257
C07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	216	28.30	28.25	0.049
C08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	216	28.23	28.25	0.049
C09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-11	216	28.21	28.25	0.049
C10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	219	27.93	27.83	0.101
C11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	219	27.83	27.83	0.101
C12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-12	219	27.73	27.83	0.101
D01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	227	28.69	28.64	0.061
D02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	227	28.57	28.64	0.061
D03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-13	227	28.65	28.64	0.061
D04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	229	29.37	29.37	0.086
D05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	229	29.29	29.37	0.086
D06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-14	229	29.46	29.37	0.086
D07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	230	24.89	24.80	0.119
D08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	230	24.84	24.80	0.119
D09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-15	230	24.66	24.80	0.119
D10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	231	28.50	28.42	0.077
D11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	231	28.34	28.42	0.077
D12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-16	231	28.41	28.42	0.077
E01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	232	28.01	27.98	0.067
E02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	232	28.02	27.98	0.067
E03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-17	232	27.90	27.98	0.067
E04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	233	26.08	26.10	0.021
E05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	233	26.09	26.10	0.021
E06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-18	233	26.12	26.10	0.021
E07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	235	29.84	29.72	0.106

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	235	29.70	29.72	0.106
E09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-19	235	29.63	29.72	0.106
E10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	236	28.51	28.46	0.061
E11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	236	28.48	28.46	0.061
E12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-20	236	28.40	28.46	0.061
F01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	237	26.00	26.01	0.114
F02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	237	25.90	26.01	0.114
F03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-21	237	26.13	26.01	0.114
F04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	238	25.54	25.55	0.042
F05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	238	25.52	25.55	0.042
F06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-22	238	25.60	25.55	0.042
F07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	239	26.84	26.73	0.096
F08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	239	26.67	26.73	0.096
F09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-23	239	26.68	26.73	0.096
F10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	240	27.15	27.10	0.041
F11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	240	27.08	27.10	0.041
F12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-24	240	27.07	27.10	0.041
G01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	241	29.78	29.66	0.135
G02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	241	29.70	29.66	0.135
G03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-25	241	29.51	29.66	0.135
G04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-26	245	26.61	26.61	0.052
G05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-26	245	26.55	26.61	0.052
G06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-26	245	26.66	26.61	0.052
G07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-27	248	25.65	25.65	0.080
G08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-27	248	25.73	25.65	0.080
G09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-27	248	25.57	25.65	0.080
G10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-28	250	25.82	25.81	0.022
G11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-28	250	25.79	25.81	0.022

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
G12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-28	250	25.83	25.81	0.022
H01	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-29	252	28.06	28.22	0.255
H02	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-29	252	28.09	28.22	0.255
H03	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-29	252	28.51	28.22	0.255
H04	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-30	258	25.56	25.53	0.035
H05	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-30	258	25.49	25.53	0.035
H06	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-30	258	25.53	25.53	0.035
H07	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-31	263	29.46	29.35	0.124
H08	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-31	263	29.38	29.35	0.124
H09	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-31	263	29.21	29.35	0.124
H10	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-32	268	25.50	25.40	0.089
H11	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-32	268	25.33	25.40	0.089
H12	SYBR	Cg_HSP70_F/R (SR IDs: 598/9)	Unkn-32	268	25.37	25.40	0.089

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	

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	0.50	True		False	