

20181030SAU

Experiment

Creation Date	10/30/2018 3:40:47 PM	Last Modified Date	10/31/2018 12:42:13 PM
Operator	LMDM	Owner	LMDM
Start Time	10/30/2018 3:49:05 PM	End Time	10/30/2018 4:53:14 PM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	02122014blaZkvanifikace Run Protocol	Plate ID	04573904
Test ID		Lot ID	
Color Comp ID			
Run Notes	dhghrhjdrijj. u,ldr,r,.ryr.ru.;,;d		

Programs

Program Name	stage 1						
Cycles	1	Analysis Mode	None				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
50	None	00:02:00	4.40		0	0	0
Program Name	stage 2						
Cycles	1	Analysis Mode	None				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
95	None	00:05:00	4.40		0	0	0
Program Name	stage 3						
Cycles	40	Analysis Mode	Quantification				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
95	None	00:00:10	4.40		0	0	0
60	Single	00:00:30	2.20		0	0	0
Program Name	stage 4						
Cycles	1	Analysis Mode	Melting Curves				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
95	None	00:00:15	4.40		0	0	0
60	None	00:01:00	2.20		0	0	0
95	Continuous		0.11	5	0	0	0

Program Name	cooling						
Cycles	1	Analysis Mode	None				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
40	None	00:01:00	2.20		0	0	0

Samples

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
A1	JB		A1	
A2	JB		A1	
A3	JB		A1	
A4	JB		A4	
A5	JB		A4	
A6	JB		A4	
A7	JB		A7	
A8	JB		A7	
A9	JB		A7	
A10	JB		A10	
A11	JB		A10	
A12	JB		A10	
B1	JB		B1	
B2	JB		B1	
B3	JB		B1	
B4	JB		B4	
B5	JB		B4	
B6	JB		B4	
B7	Sample 19			
B8	Sample 20			
B9	Sample 21			
B10	Sample 22			
B11	Sample 23			
B12	Sample 24			
C1	tet1		C1	
C2	tet1		C1	
C3	tet1		C1	
C4	tet2		C4	
C5	tet2		C4	
C6	tet2		C4	
C7	Cd1		C7	
C8	Cd1		C7	
C9	Cd1		C7	

Samples

Sample Count		96		
Subset		All Samples		
Pos	Name	ID	Repl. Of	Sample Notes
C10	Cd2		C10	
C11	Cd2		C10	
C12	Cd2		C10	
D1	1		D1	
D2	1		D1	
D3	1		D1	
D4	3		D4	
D5	3		D4	
D6	3		D4	
D7	Sample 43		D7	
D8	Sample 43		D7	
D9	Sample 43		D7	
D10	Sample 46			
D11	Sample 47			
D12	Sample 48			
E1	Sample 49			
E2	Sample 50			
E3	Sample 51			
E4	Sample 52			
E5	Sample 53			
E6	Sample 54			
E7	Sample 55			
E8	Sample 56			
E9	Sample 57			
E10	Sample 58			
E11	Sample 59			
E12	Sample 60			
F1	Sample 61			
F2	Sample 62			
F3	Sample 63			
F4	Sample 64			
F5	Sample 65			
F6	Sample 66			
F7	Sample 67			
F8	Sample 68			
F9	Sample 69			
F10	Sample 70			
F11	Sample 71			
F12	Sample 72			

Samples

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
G1	Sample 73			
G2	Sample 74			
G3	Sample 75			
G4	Sample 76			
G5	Sample 77			
G6	Sample 78			
G7	Sample 79			
G8	Sample 80			
G9	Sample 81			
G10	Sample 82			
G11	Sample 83			
G12	Sample 84			
H1	Sample 85			
H2	Sample 86			
H3	Sample 87			
H4	Sample 88			
H5	Sample 89			
H6	Sample 90			
H7	Sample 91			
H8	Sample 92			
H9	Sample 93			
H10	Sample 94			
H11	Sample 95			
H12	Sample 96			

Instrument

Name	29712	Serial Number	29712
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Revision History

Revision	Date	User	Reason

Abs Quant/2nd Derivative Max for All Samples (Abs Quant/2nd Derivative Max)**Settings**

Channel	465-510		
Color Compensation	Off		
Program	stage 3	Units	
Mode	High Confidence		

Subset Name	All Samples
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Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	A1	JB	Standard	24.28	9.29E3	3.80E4	
<input checked="" type="checkbox"/>	A2	JB	Standard	24.10	6.07E3	3.80E4	
<input checked="" type="checkbox"/>	A3	JB	Standard	26.84	3.54E6	3.80E4	
<input checked="" type="checkbox"/>	A4	JB	Standard	18.66	2.06E-2	3.80E3	
<input checked="" type="checkbox"/>	A5	JB	Standard	32.62	2.31E12	3.80E3	
<input checked="" type="checkbox"/>	A6	JB	Standard	25.11	6.35E4	3.80E3	
<input checked="" type="checkbox"/>	A7	JB	Standard	22.29	9.29E1	3.80E2	
<input type="checkbox"/>	A8	JB	Standard			3.80E2	
<input type="checkbox"/>	A9	JB	Standard			3.80E2	
<input type="checkbox"/>	A10	JB	Standard			3.80E1	
<input type="checkbox"/>	A11	JB	Standard			3.80E1	
<input type="checkbox"/>	A12	JB	Standard			3.80E1	
<input type="checkbox"/>	B1	JB	Standard			3.80E0	
<input type="checkbox"/>	B2	JB	Standard			3.80E0	
<input type="checkbox"/>	B3	JB	Standard			3.80E0	
<input type="checkbox"/>	B4	JB	Standard			3.80E-1	
<input type="checkbox"/>	B5	JB	Standard			3.80E-1	
<input type="checkbox"/>	B6	JB	Standard			3.80E-1	
<input checked="" type="checkbox"/>	B7	Sample 19	Unknown				
<input checked="" type="checkbox"/>	B8	Sample 20	Unknown				
<input checked="" type="checkbox"/>	B9	Sample 21	Unknown				
<input checked="" type="checkbox"/>	B10	Sample 22	Unknown				
<input checked="" type="checkbox"/>	B11	Sample 23	Unknown				
<input checked="" type="checkbox"/>	B12	Sample 24	Unknown				
<input checked="" type="checkbox"/>	C1	tet1	Unknown	25.14	6.85E4		E
<input checked="" type="checkbox"/>	C2	tet1	Unknown	28.22	8.57E7		E
<input checked="" type="checkbox"/>	C3	tet1	Unknown	23.85	3.46E3		
<input checked="" type="checkbox"/>	C4	tet2	Unknown	20.92	3.86E0		E
<input checked="" type="checkbox"/>	C5	tet2	Unknown	19.59	1.77E-1		E
<input checked="" type="checkbox"/>	C6	tet2	Unknown	21.64	2.06E1		E
<input checked="" type="checkbox"/>	C7	Cd1	Unknown	28.12	6.75E7		E
<input checked="" type="checkbox"/>	C8	Cd1	Unknown	28.68	2.49E8		E
<input checked="" type="checkbox"/>	C9	Cd1	Unknown	27.48	1.55E7		E
<input checked="" type="checkbox"/>	C10	Cd2	Unknown	28.56	1.91E8		E
<input checked="" type="checkbox"/>	C11	Cd2	Unknown	29.68	2.56E9		E

E - Extrapolated concentration in standard curve

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	C12	Cd2	Unknown	28.45	1.47E8		E
<input checked="" type="checkbox"/>	D1	1	Unknown	15.96	3.90E-5		E
<input checked="" type="checkbox"/>	D2	1	Unknown	14.70	2.12E-6		E
<input checked="" type="checkbox"/>	D3	1	Unknown	16.21	7.04E-5		E
<input checked="" type="checkbox"/>	D4	3	Unknown	19.44	1.25E-1		E
<input checked="" type="checkbox"/>	D5	3	Unknown	18.61	1.81E-2		E
<input checked="" type="checkbox"/>	D6	3	Unknown	18.52	1.46E-2		E
<input checked="" type="checkbox"/>	D7	Sample 43	Negative Control				
<input checked="" type="checkbox"/>	D8	Sample 43	Negative Control				
<input checked="" type="checkbox"/>	D9	Sample 43	Negative Control				
<input checked="" type="checkbox"/>	D10	Sample 46	Unknown				
<input checked="" type="checkbox"/>	D11	Sample 47	Unknown				
<input checked="" type="checkbox"/>	D12	Sample 48	Unknown				
<input checked="" type="checkbox"/>	E1	Sample 49	Unknown				
<input checked="" type="checkbox"/>	E2	Sample 50	Unknown				
<input checked="" type="checkbox"/>	E3	Sample 51	Unknown				
<input checked="" type="checkbox"/>	E4	Sample 52	Unknown				
<input checked="" type="checkbox"/>	E5	Sample 53	Unknown				
<input checked="" type="checkbox"/>	E6	Sample 54	Unknown				
<input checked="" type="checkbox"/>	E7	Sample 55	Unknown				
<input checked="" type="checkbox"/>	E8	Sample 56	Unknown				
<input checked="" type="checkbox"/>	E9	Sample 57	Unknown				
<input checked="" type="checkbox"/>	E10	Sample 58	Unknown				
<input checked="" type="checkbox"/>	E11	Sample 59	Unknown				
<input checked="" type="checkbox"/>	E12	Sample 60	Unknown				
<input checked="" type="checkbox"/>	F1	Sample 61	Unknown				
<input checked="" type="checkbox"/>	F2	Sample 62	Unknown				
<input checked="" type="checkbox"/>	F3	Sample 63	Unknown				
<input checked="" type="checkbox"/>	F4	Sample 64	Unknown				
<input checked="" type="checkbox"/>	F5	Sample 65	Unknown				
<input checked="" type="checkbox"/>	F6	Sample 66	Unknown				
<input checked="" type="checkbox"/>	F7	Sample 67	Unknown				
<input checked="" type="checkbox"/>	F8	Sample 68	Unknown				
<input checked="" type="checkbox"/>	F9	Sample 69	Unknown				
<input checked="" type="checkbox"/>	F10	Sample 70	Unknown				
<input checked="" type="checkbox"/>	F11	Sample 71	Unknown				
<input checked="" type="checkbox"/>	F12	Sample 72	Unknown				

E - Extrapolated concentration in standard curve

Results

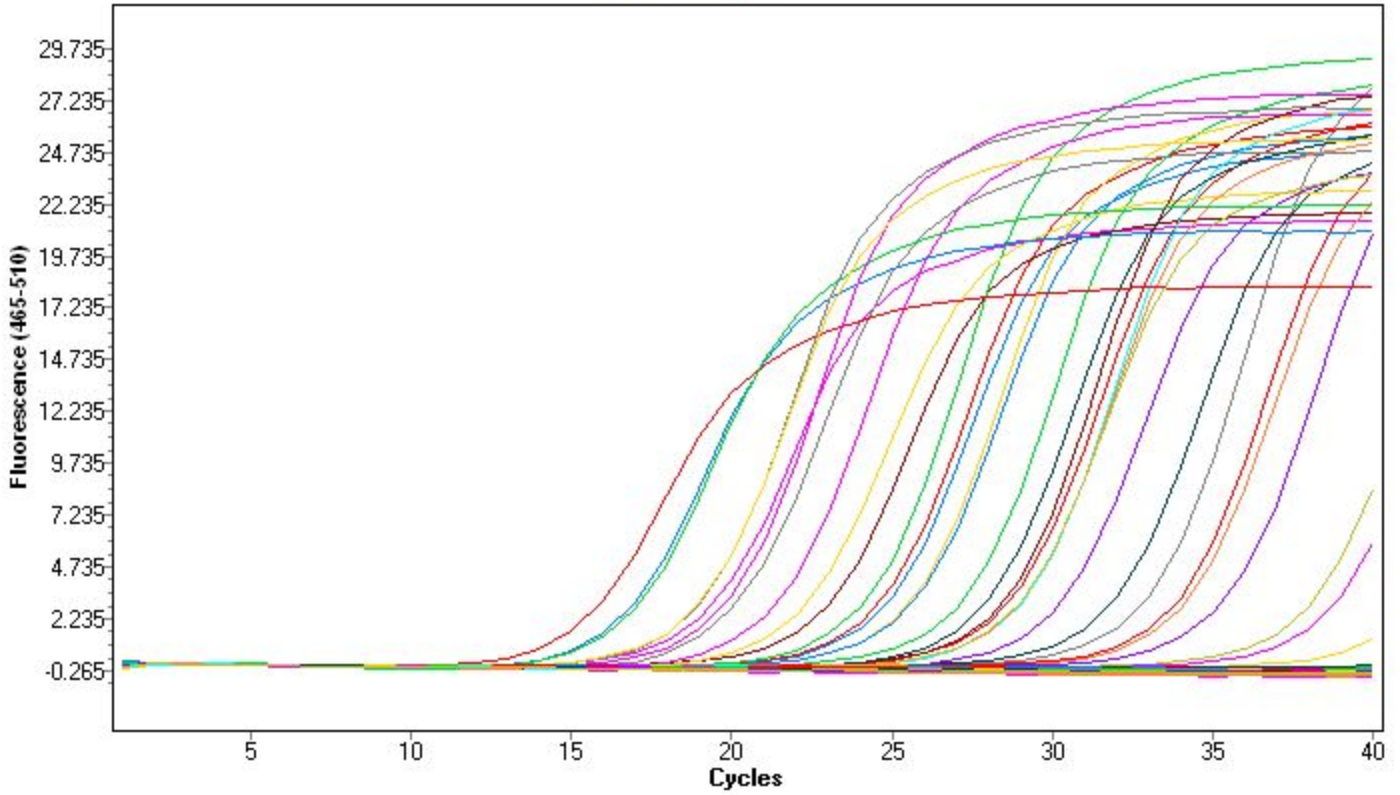
Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	G1	Sample 73	Unknown				
<input checked="" type="checkbox"/>	G2	Sample 74	Unknown				
<input checked="" type="checkbox"/>	G3	Sample 75	Unknown				
<input checked="" type="checkbox"/>	G4	Sample 76	Unknown				
<input checked="" type="checkbox"/>	G5	Sample 77	Unknown				
<input checked="" type="checkbox"/>	G6	Sample 78	Unknown				
<input checked="" type="checkbox"/>	G7	Sample 79	Unknown				
<input checked="" type="checkbox"/>	G8	Sample 80	Unknown				
<input checked="" type="checkbox"/>	G9	Sample 81	Unknown				
<input checked="" type="checkbox"/>	G10	Sample 82	Unknown				
<input checked="" type="checkbox"/>	G11	Sample 83	Unknown				
<input checked="" type="checkbox"/>	G12	Sample 84	Unknown				
<input checked="" type="checkbox"/>	H1	Sample 85	Unknown				
<input checked="" type="checkbox"/>	H2	Sample 86	Unknown				
<input checked="" type="checkbox"/>	H3	Sample 87	Unknown				
<input checked="" type="checkbox"/>	H4	Sample 88	Unknown				
<input checked="" type="checkbox"/>	H5	Sample 89	Unknown				
<input checked="" type="checkbox"/>	H6	Sample 90	Unknown				
<input checked="" type="checkbox"/>	H7	Sample 91	Unknown				
<input checked="" type="checkbox"/>	H8	Sample 92	Unknown				
<input checked="" type="checkbox"/>	H9	Sample 93	Unknown				
<input checked="" type="checkbox"/>	H10	Sample 94	Unknown				
<input checked="" type="checkbox"/>	H11	Sample 95	Unknown				
<input checked="" type="checkbox"/>	H12	Sample 96	Unknown				

E - Extrapolated concentration in standard curve

Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
A1, A2, A3	25.07	1.54	1.19E6	2.04E6
A4, A5, A6	25.46	6.99	7.71E11	1.33E12
C1, C2, C3	25.74	2.24	2.86E7	4.94E7
C4, C5, C6	20.72	1.04	8.20E0	1.09E1
C7, C8, C9	28.09	0.60	1.11E8	1.23E8
C10, C11, C12	28.90	0.68	9.64E8	1.38E9
D1, D2, D3	15.62	0.81	3.72E-5	3.42E-5
D4, D5, D6	18.86	0.51	5.26E-2	6.28E-2
D7, D8, D9				

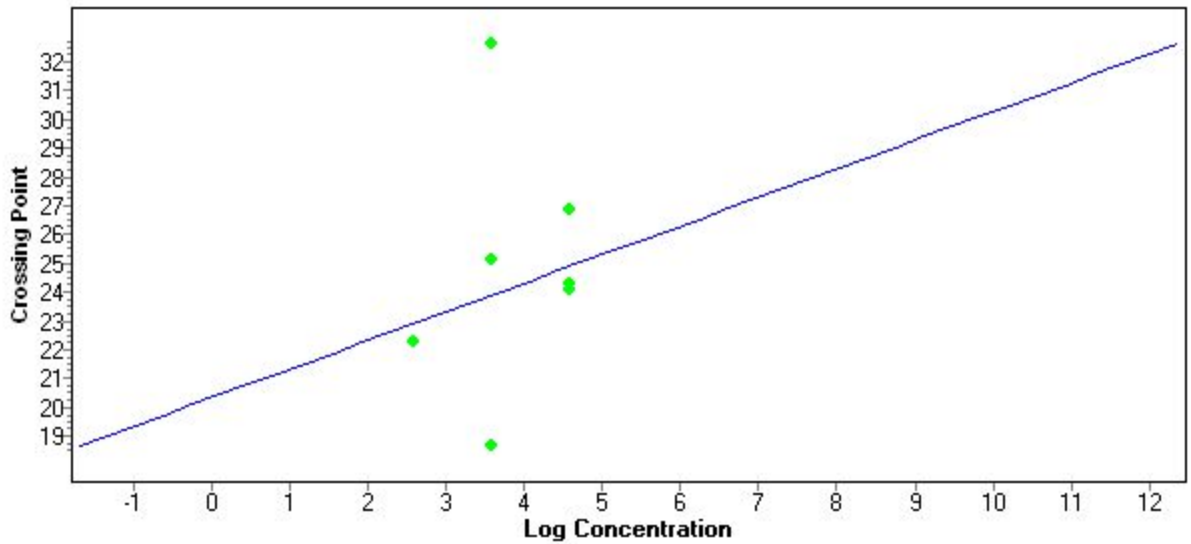
Amplification Curves



Standard Curve

— Std. curve ● Samples

Error: 0.496
 Efficiency:
 0.0985
 Slope: 0.993
 YIntercept: 20.34
 Link: 0.000



Analysis Notes