

20181030PDKblaZ

Experiment

Creation Date	10/30/2018 12:47:55 PM	Last Modified Date	10/30/2018 3:12:32 PM
Operator	LMDM	Owner	LMDM
Start Time	10/30/2018 1:00:24 PM	End Time	10/30/2018 2:04:35 PM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	02122014blaZkvantifikace Run Protocol	Plate ID	04573905
Test ID		Lot ID	
Color Comp ID			
Run Notes	dhghrhjdrjj. 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	plJB		A1		
A2	plJB		A1		
A3	plJB		A1		
A4	plJB		A4		
A5	plJB		A4		
A6	plJB		A4		
A7	Sample 7		A7		
A8	Sample 7		A7		
A9	Sample 7		A7		
A10	Sample 10		A10		
A11	Sample 10		A10		
A12	Sample 10		A10		
B1	Sample 13		B1		
B2	Sample 13		B1		
B3	Sample 13		B1		
B4	Sample 16		B4		
B5	Sample 16		B4		
B6	Sample 16		B4		
B7	Sample 19		B7		
B8	Sample 19		B7		
B9	Sample 19		B7		
B10	Sample 22				
B11	Sample 23				
B12	Sample 24				
C1	Tet1		C1		
C2	Tet1		C1		
C3	Tet1		C1		
C4	Cd1		C4		
C5	Cd1		C4		
C6	Cd1		C4		
C7	Cd2		C7		
C8	Cd2		C7		
C9	Cd2		C7		

Samples

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
C10	Cd3		C10	
C11	Cd3		C10	
C12	Cd3		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			

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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> - Late Cp call (last five cycles) has higher uncertainty, E - Extrapolated concentration in standard curve

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	A1	pIJB	Standard	22.52	3.05E3	6.00E3	
<input checked="" type="checkbox"/>	A2	pIJB	Standard	24.46	7.23E2	6.00E3	
<input checked="" type="checkbox"/>	A3	pIJB	Standard	21.72	5.55E3	6.00E3	
<input checked="" type="checkbox"/>	A4	pIJB	Standard	24.93	5.10E2	6.00E2	
<input checked="" type="checkbox"/>	A5	pIJB	Standard	24.45	7.29E2	6.00E2	
<input checked="" type="checkbox"/>	A6	pIJB	Standard	23.57	1.40E3	6.00E2	
<input checked="" type="checkbox"/>	A7	Sample 7	Standard	26.32	1.80E2	6.00E1	
<input checked="" type="checkbox"/>	A8	Sample 7	Standard	26.54	1.54E2	6.00E1	
<input checked="" type="checkbox"/>	A9	Sample 7	Standard	26.55	1.53E2	6.00E1	
<input checked="" type="checkbox"/>	A10	Sample 10	Standard	30.00	1.17E1	6.00E0	
<input checked="" type="checkbox"/>	A11	Sample 10	Standard	31.62	3.50E0	6.00E0	
<input checked="" type="checkbox"/>	A12	Sample 10	Standard	31.52	3.78E0	6.00E0	
<input checked="" type="checkbox"/>	B1	Sample 13	Standard	35.00	5.57E-2	6.00E-1	>
<input checked="" type="checkbox"/>	B2	Sample 13	Standard	32.83	1.13E0	6.00E-1	
<input checked="" type="checkbox"/>	B3	Sample 13	Standard	33.05	8.82E-1	6.00E-1	
<input checked="" type="checkbox"/>	B4	Sample 16	Standard	35.00	5.57E-2	6.00E-2	>
<input checked="" type="checkbox"/>	B5	Sample 16	Standard	35.00	5.57E-2	6.00E-2	>
<input checked="" type="checkbox"/>	B6	Sample 16	Standard	35.00	5.57E-2	6.00E-2	>
<input checked="" type="checkbox"/>	B7	Sample 19	Unknown				
<input checked="" type="checkbox"/>	B8	Sample 19	Unknown				
<input checked="" type="checkbox"/>	B9	Sample 19	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	35.00	5.57E-2		>, E
<input checked="" type="checkbox"/>	C2	Tet1	Unknown				
<input checked="" type="checkbox"/>	C3	Tet1	Unknown				
<input checked="" type="checkbox"/>	C4	Cd1	Unknown	28.07	4.93E1		
<input checked="" type="checkbox"/>	C5	Cd1	Unknown	28.05	5.00E1		
<input checked="" type="checkbox"/>	C6	Cd1	Unknown	27.96	5.36E1		
<input checked="" type="checkbox"/>	C7	Cd2	Unknown	28.75	2.97E1		
<input checked="" type="checkbox"/>	C8	Cd2	Unknown	28.52	3.53E1		
<input checked="" type="checkbox"/>	C9	Cd2	Unknown	27.97	5.29E1		
<input checked="" type="checkbox"/>	C10	Cd3	Unknown	26.59	1.48E2		
<input checked="" type="checkbox"/>	C11	Cd3	Unknown	23.84	1.14E3		
<input checked="" type="checkbox"/>	C12	Cd3	Unknown	26.92	1.15E2		
<input checked="" type="checkbox"/>	D1	1	Unknown				

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Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	D2	1	Unknown				
<input checked="" type="checkbox"/>	D3	1	Unknown				
<input checked="" type="checkbox"/>	D4	3	Unknown	20.10	1.85E4		E
<input checked="" type="checkbox"/>	D5	3	Unknown	20.59	1.29E4		E
<input checked="" type="checkbox"/>	D6	3	Unknown	21.52	6.45E3		E
<input checked="" type="checkbox"/>	D7	Sample 43	Negative Control	35.00	5.57E-2		>
<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				
<input checked="" type="checkbox"/>	G1	Sample 73	Unknown				
<input checked="" type="checkbox"/>	G2	Sample 74	Unknown				

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Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<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				

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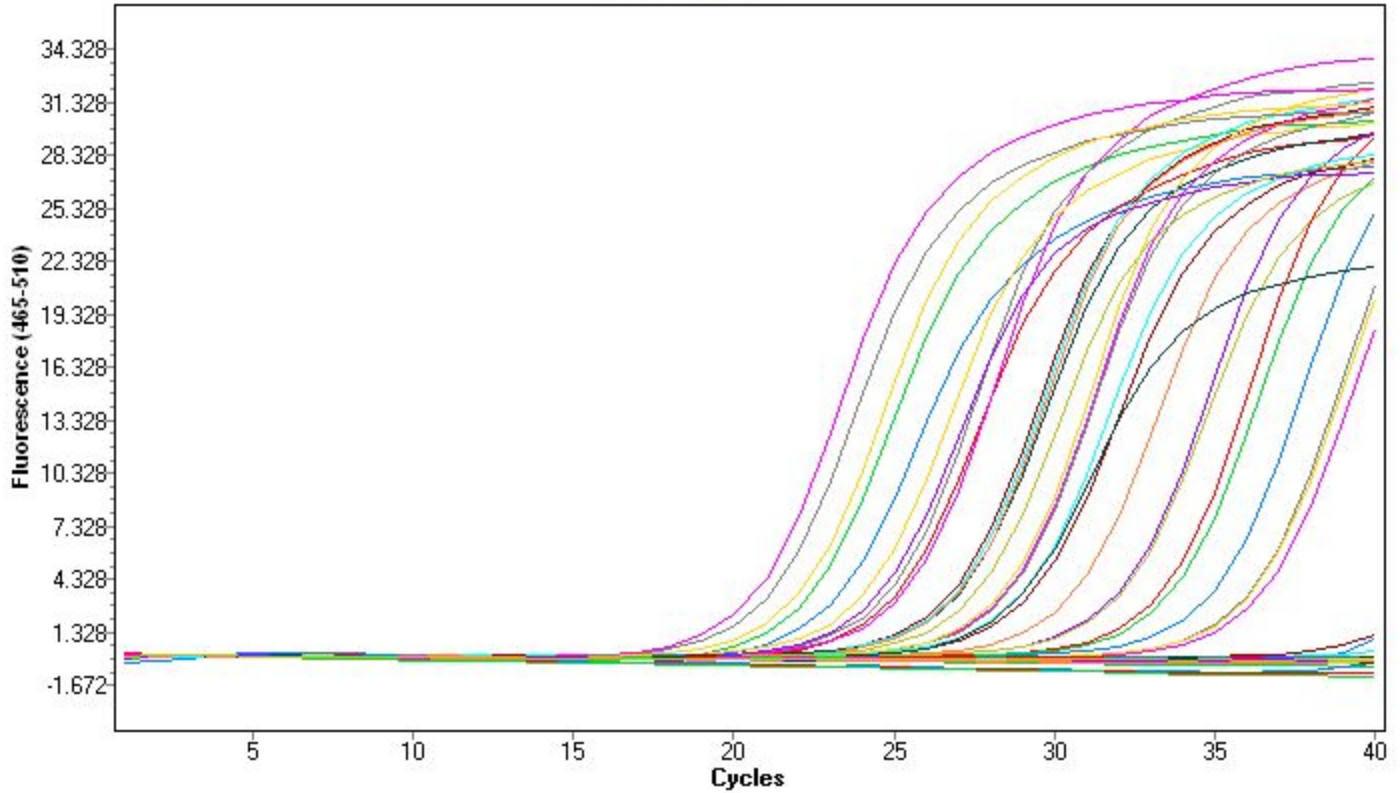
Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
A1, A2, A3	22.90	1.41	3.11E3	2.42E3
A4, A5, A6	24.31	0.69	8.81E2	4.66E2
A7, A8, A9	26.47	0.13	1.62E2	1.55E1
A10, A11, A12	31.05	0.91	6.32E0	4.65E0
B1, B2, B3	33.63	1.19	6.88E-1	5.61E-1
B4, B5, B6	35.00		5.57E-2	
B7, B8, B9				
C1, C2, C3	35.00		5.57E-2	
C4, C5, C6	28.02	0.06	5.10E1	2.28E0
C7, C8, C9	28.41	0.40	3.93E1	1.21E1
C10, C11, C12	25.79	1.69	4.69E2	5.84E2
D1, D2, D3				

Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
D4, D5, D6	20.74	0.72	1.26E4	6.04E3
D7, D8, D9	35.00		5.57E-2	

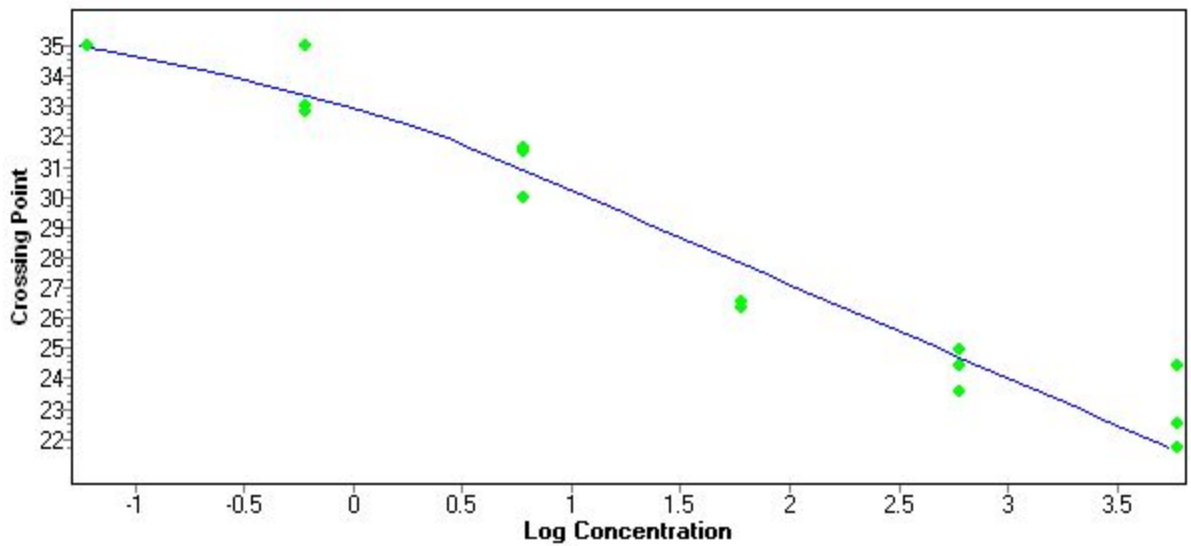
Amplification Curves



Standard Curve

— Std. curve ● Samples

Error: 0.0958
 Efficiency: 2.105
 Slope: -3.094
 YIntercept: 33.30
 Link: 3.779



Analysis Notes