

20181030tetK

Experiment

Creation Date	10/31/2018 12:45:49 PM	Last Modified Date	10/31/2018 3:35:38 PM
Operator	LMDM	Owner	LMDM
Start Time	10/31/2018 1:26:40 PM	End Time	10/31/2018 2:30:50 PM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	02122014blaZkquantifikace Run Protocol	Plate ID	04573900
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	chrJB		A1	
A2	chrJB		A1	
A3	chrJB		A1	
A4	chrJB		A4	
A5	chrJB		A4	
A6	chrJB		A4	
A7	chrJB		A7	
A8	chrJB		A7	
A9	chrJB		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		B10	
B11	Sample 22		B10	
B12	Sample 22		B10	
C1	Sample 25		C1	
C2	Sample 25		C1	
C3	Sample 25		C1	
C4	Sample 28		C4	
C5	Sample 28		C4	
C6	Sample 28		C4	
C7	Sample 31		C7	
C8	Sample 31		C7	
C9	Sample 31		C7	

Samples

Sample Count		96		
Subset		All Samples		
Pos	Name	ID	Repl. Of	Sample Notes
C10	Sample 36		C12	
C11	Sample 36		C12	
C12	Sample 36		C12	
D1	Tet1 HL		D1	
D2	Tet1 HL		D1	
D3	Tet1 HL		D1	
D4	Tet2 HL		D4	
D5	Tet2 HL		D4	
D6	Tet2 HL		D4	
D7	Tet3 HL		D7	
D8	Tet3 HL		D7	
D9	Tet3 HL		D7	
D10	Cd2 hL		D10	
D11	Cd2 hL		D10	
D12	Cd2 hL		D10	
E1	1		E1	
E2	1		E1	
E3	1		E1	
E4	3		E4	
E5	3		E4	
E6	3		E4	
E7	H2O		E7	
E8	H2O		E7	
E9	H2O		E7	
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 type="checkbox"/>	A1	chrJB	Standard			3.84E5	
<input type="checkbox"/>	A2	chrJB	Standard			3.84E5	
<input type="checkbox"/>	A3	chrJB	Standard			3.84E5	
<input type="checkbox"/>	A4	chrJB	Standard			3.84E4	
<input type="checkbox"/>	A5	chrJB	Standard			3.84E4	
<input type="checkbox"/>	A6	chrJB	Standard			3.84E4	
<input type="checkbox"/>	A7	chrJB	Standard			3.84E3	
<input type="checkbox"/>	A8	chrJB	Standard			3.84E3	
<input type="checkbox"/>	A9	chrJB	Standard			3.84E3	
<input type="checkbox"/>	A10	Sample 10	Standard			3.84E2	
<input type="checkbox"/>	A11	Sample 10	Standard			3.84E2	
<input type="checkbox"/>	A12	Sample 10	Standard			3.84E2	
<input type="checkbox"/>	B1	Sample 13	Standard			3.84E1	
<input type="checkbox"/>	B2	Sample 13	Standard			3.84E1	
<input type="checkbox"/>	B3	Sample 13	Standard			3.84E1	
<input type="checkbox"/>	B4	Sample 16	Standard			3.84E0	
<input type="checkbox"/>	B5	Sample 16	Standard			3.84E0	
<input type="checkbox"/>	B6	Sample 16	Standard			3.84E0	
<input type="checkbox"/>	B7	Sample 19	Standard			3.84E-1	
<input type="checkbox"/>	B8	Sample 19	Standard			3.84E-1	
<input type="checkbox"/>	B9	Sample 19	Standard			3.84E-1	
<input checked="" type="checkbox"/>	B10	Sample 22	Standard	6.79	4.24E3	6.00E3	
<input checked="" type="checkbox"/>	B11	Sample 22	Standard	6.72	4.37E3	6.00E3	
<input checked="" type="checkbox"/>	B12	Sample 22	Standard	7.64	2.86E3	6.00E3	
<input checked="" type="checkbox"/>	C1	Sample 25	Standard	7.85	2.59E3	6.00E2	
<input checked="" type="checkbox"/>	C2	Sample 25	Standard	11.22	5.50E2	6.00E2	
<input checked="" type="checkbox"/>	C3	Sample 25	Standard	9.75	1.08E3	6.00E2	
<input checked="" type="checkbox"/>	C4	Sample 28	Standard	19.13	1.43E1	6.00E1	
<input checked="" type="checkbox"/>	C5	Sample 28	Standard	16.09	5.82E1	6.00E1	
<input checked="" type="checkbox"/>	C6	Sample 28	Standard	16.94	3.93E1	6.00E1	
<input checked="" type="checkbox"/>	C7	Sample 31	Standard	20.71	6.92E0	6.00E0	
<input checked="" type="checkbox"/>	C8	Sample 31	Standard	20.18	8.82E0	6.00E0	
<input checked="" type="checkbox"/>	C9	Sample 31	Standard	20.62	7.22E0	6.00E0	
<input checked="" type="checkbox"/>	C10	Sample 36	Standard	25.61	7.23E-1	6.00E-1	
<input checked="" type="checkbox"/>	C11	Sample 36	Standard	21.83	4.13E0	6.00E-1	

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

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	C12	Sample 36	Standard	25.61	7.23E-1	6.00E-1	
<input checked="" type="checkbox"/>	D1	Tet1 HL	Unknown				
<input checked="" type="checkbox"/>	D2	Tet1 HL	Unknown				
<input checked="" type="checkbox"/>	D3	Tet1 HL	Unknown				
<input checked="" type="checkbox"/>	D4	Tet2 HL	Unknown				
<input checked="" type="checkbox"/>	D5	Tet2 HL	Unknown				
<input checked="" type="checkbox"/>	D6	Tet2 HL	Unknown	16.53	4.76E1		
<input checked="" type="checkbox"/>	D7	Tet3 HL	Unknown	17.72	2.74E1		
<input checked="" type="checkbox"/>	D8	Tet3 HL	Unknown	17.20	3.49E1		
<input checked="" type="checkbox"/>	D9	Tet3 HL	Unknown	18.42	1.99E1		
<input checked="" type="checkbox"/>	D10	Cd2 hL	Unknown	32.13	3.58E-2		E
<input checked="" type="checkbox"/>	D11	Cd2 hL	Unknown	35.00	9.54E-3		>, E
<input checked="" type="checkbox"/>	D12	Cd2 hL	Unknown	34.33	1.30E-2		E
<input checked="" type="checkbox"/>	E1	1	Unknown	6.77	4.26E3		
<input checked="" type="checkbox"/>	E2	1	Unknown	6.61	4.60E3		
<input checked="" type="checkbox"/>	E3	1	Unknown	7.59	2.92E3		
<input checked="" type="checkbox"/>	E4	3	Unknown	30.60	7.24E-2		E
<input checked="" type="checkbox"/>	E5	3	Unknown	30.34	8.19E-2		E
<input checked="" type="checkbox"/>	E6	3	Unknown	30.74	6.81E-2		E
<input checked="" type="checkbox"/>	E7	H2O	Negative Control	32.79	2.64E-2		
<input checked="" type="checkbox"/>	E8	H2O	Negative Control	34.07	1.47E-2		
<input checked="" type="checkbox"/>	E9	H2O	Negative Control	32.44	3.10E-2		
<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, > - Late Cp call (last five cycles) has higher uncertainty

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, > - Late Cp call (last five cycles) has higher uncertainty

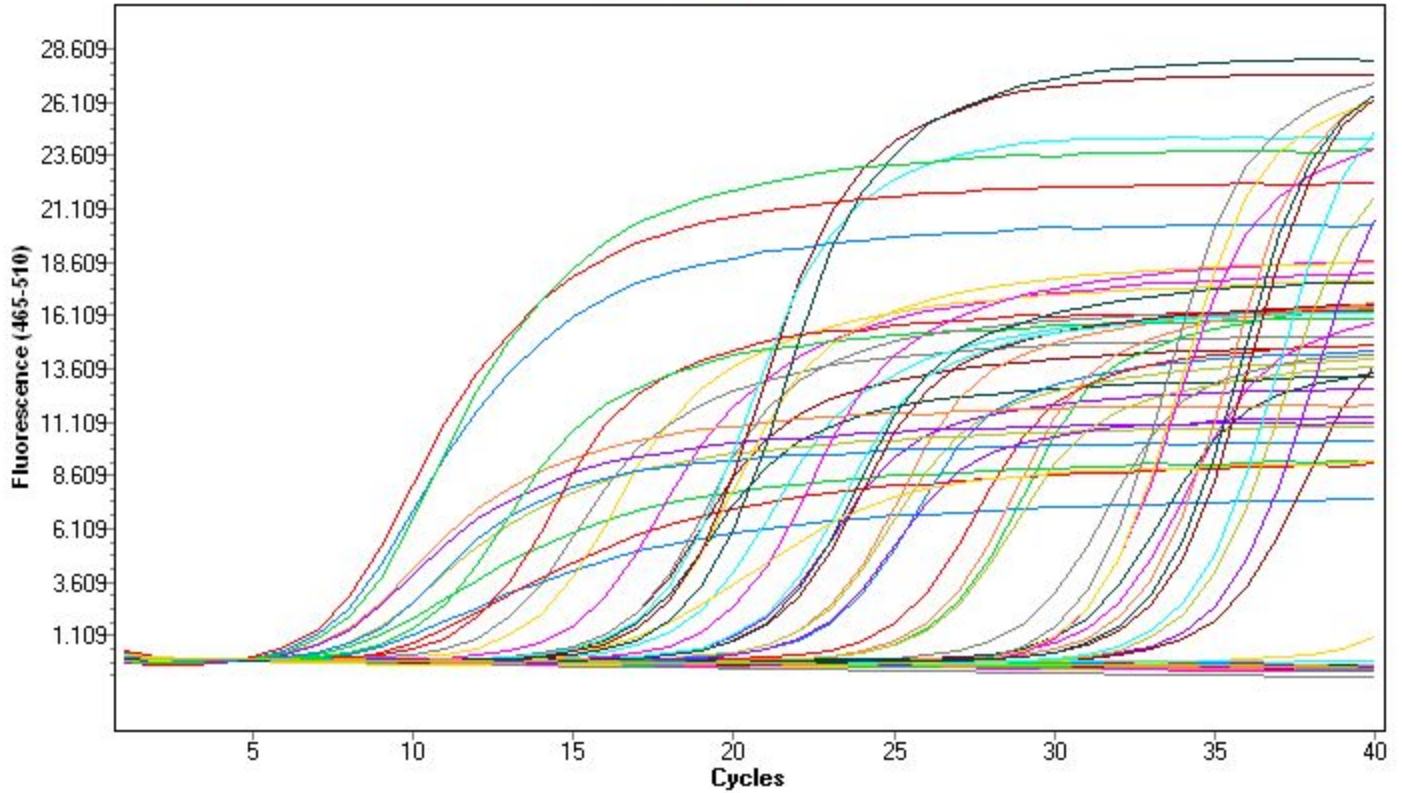
Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
B10, B11, B12	7.05	0.51	3.82E3	8.38E2
C1, C2, C3	9.61	1.69	1.41E3	1.06E3
C4, C5, C6	17.39	1.57	3.73E1	2.20E1
C7, C8, C9	20.50	0.28	7.66E0	1.02E0
C10, C11, C12	24.35	2.18	1.86E0	1.97E0
D1, D2, D3				
D4, D5, D6	16.53		4.76E1	
D7, D8, D9	17.78	0.61	2.74E1	7.50E0
D10, D11, D12	33.82	1.50	1.94E-2	1.43E-2
E1, E2, E3	6.99	0.53	3.93E3	8.89E2

Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
E4, E5, E6	30.56	0.20	7.41E-2	7.04E-3
E7, E8, E9	33.10	0.86	2.40E-2	8.42E-3

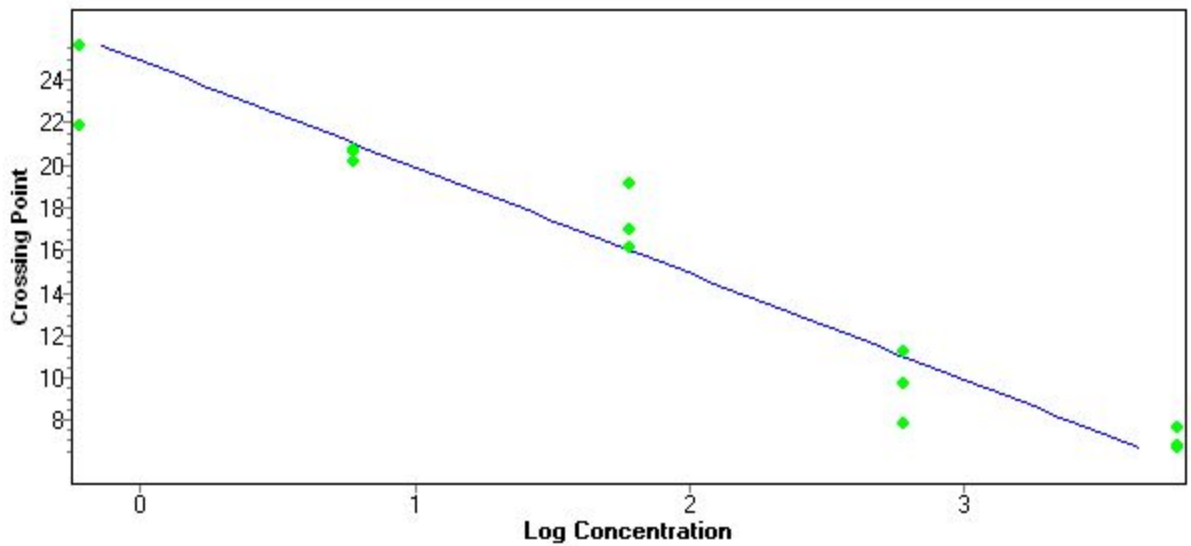
Amplification Curves



Standard Curve

— Std. curve ● Samples

Error: 0.0734
 Efficiency: 1.585
 Slope: -4.996
 YIntercept: 24.91
 Link: 0.000



Analysis Notes