

SAUkvantifikace skupina I 10182016

Experiment

Creation Date	10/18/2016 1:42:34 PM	Last Modified Date	10/18/2016 4:03:02 PM
Operator	LMDM	Owner	LMDM
Start Time	10/18/2016 2:54:03 PM	End Time	10/18/2016 3:58:52 PM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	blaZ kvantifikace cviko	Plate ID	C0384613
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	Jevons B SAU		A1	
A2	Jevons B SAU		A1	
A3	Jevons B SAU		A1	
A4	Jevons B		A4	
A5	Jevons B		A4	
A6	Jevons B		A4	
A7	Jevons B		A7	
A8	Jevons B		A7	
A9	Jevons B		A7	
A10	Jevons B		A10	
A11	Jevons B		A10	
A12	Jevons B		A10	
B1	Jevons B		B1	
B2	Jevons B		B1	
B3	Jevons B		B1	
B4	Jevons B		B4	
B5	Jevons B		B4	
B6	Jevons B		B4	
B7	Jevons B		B7	
B8	Jevons B		B7	
B9	Jevons B		B7	
B10	RN4220::pT181		B10	
B11	RN4220::pT181		B10	
B12	RN4220::pT181		B10	
C1	RN4220::pT181 100		C1	
C2	RN4220::pT181 100		C1	
C3	RN4220::pT181 100		C1	
C4	RN4220::pT181 1000		C4	
C5	RN4220::pT181 1000		C4	
C6	RN4220::pT181 1000		C4	
C7	RN4220::pUSA 100		C7	
C8	RN4220::pUSA 100		C7	
C9	RN4220::pUSA 100		C7	

Samples

Sample Count		96		
Subset		All Samples		
Pos	Name	ID	Repl. Of	Sample Notes
C10	RN4220::pUSA 1000		C10	
C11	RN4220::pUSA 1000		C10	
C12	RN4220::pUSA 1000		C10	
D1	non template		D1	
D2	non template		D1	
D3	non template		D1	
D4	non template		D4	
D5	non template		D4	
D6	non template		D4	
D7	Sample 43			
D8	Sample 44			
D9	Sample 45			
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

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	A1	Jevons B SAU	Standard	17.30	8.58E4	8.10E4	
<input checked="" type="checkbox"/>	A2	Jevons B SAU	Standard	17.50	7.76E4	8.10E4	
<input checked="" type="checkbox"/>	A3	Jevons B SAU	Standard	17.42	8.10E4	8.10E4	
<input checked="" type="checkbox"/>	A4	Jevons B	Standard	20.56	1.70E4	8.10E3	
<input checked="" type="checkbox"/>	A5	Jevons B	Standard	22.49	6.43E3	8.10E3	
<input checked="" type="checkbox"/>	A6	Jevons B	Standard	22.05	8.10E3	8.10E3	
<input checked="" type="checkbox"/>	A7	Jevons B	Standard	26.44	2.58E2	8.10E2	
<input checked="" type="checkbox"/>	A8	Jevons B	Standard	25.28	8.19E2	8.10E2	
<input checked="" type="checkbox"/>	A9	Jevons B	Standard	23.59	3.24E3	8.10E2	
<input checked="" type="checkbox"/>	A10	Jevons B	Standard	28.27	2.87E1	8.10E1	
<input checked="" type="checkbox"/>	A11	Jevons B	Standard	27.97	4.24E1	8.10E1	
<input checked="" type="checkbox"/>	A12	Jevons B	Standard	25.02	1.04E3	8.10E1	
<input checked="" type="checkbox"/>	B1	Jevons B	Standard	27.24	1.04E2	8.10E0	
<input checked="" type="checkbox"/>	B2	Jevons B	Standard	29.19	8.06E0	8.10E0	
<input checked="" type="checkbox"/>	B3	Jevons B	Standard	29.20	8.00E0	8.10E0	
<input checked="" type="checkbox"/>	B4	Jevons B	Standard	29.42	5.77E0	8.10E-1	
<input checked="" type="checkbox"/>	B5	Jevons B	Standard	29.15	8.55E0	8.10E-1	
<input checked="" type="checkbox"/>	B6	Jevons B	Standard	30.29	1.53E0	8.10E-1	
<input checked="" type="checkbox"/>	B7	Jevons B	Standard	32.30	4.79E-2	8.10E-2	
<input checked="" type="checkbox"/>	B8	Jevons B	Standard	32.95	1.41E-2	8.10E-2	
<input checked="" type="checkbox"/>	B9	Jevons B	Standard	32.44	3.73E-2	8.10E-2	
<input checked="" type="checkbox"/>	B10	RN4220::pT181	Unknown				
<input checked="" type="checkbox"/>	B11	RN4220::pT181	Unknown	19.97	2.28E4		
<input checked="" type="checkbox"/>	B12	RN4220::pT181	Unknown	26.87	1.60E2		
<input checked="" type="checkbox"/>	C1	RN4220::pT181 100	Unknown	19.85	2.42E4		
<input checked="" type="checkbox"/>	C2	RN4220::pT181 100	Unknown	19.12	3.48E4		
<input checked="" type="checkbox"/>	C3	RN4220::pT181 100	Unknown	18.87	3.94E4		
<input checked="" type="checkbox"/>	C4	RN4220::pT181 1000	Unknown	22.68	5.79E3		
<input checked="" type="checkbox"/>	C5	RN4220::pT181 1000	Unknown	22.25	7.34E3		
<input checked="" type="checkbox"/>	C6	RN4220::pT181 1000	Unknown	25.99	4.14E2		
<input checked="" type="checkbox"/>	C7	RN4220::pUSA 100	Unknown	18.12	5.71E4		
<input checked="" type="checkbox"/>	C8	RN4220::pUSA 100	Unknown	18.64	4.41E4		
<input checked="" type="checkbox"/>	C9	RN4220::pUSA 100	Unknown	18.12	5.72E4		
<input checked="" type="checkbox"/>	C10	RN4220::pUSA 1000	Unknown	24.48	1.64E3		
<input checked="" type="checkbox"/>	C11	RN4220::pUSA 1000	Unknown	24.22	2.02E3		

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

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	C12	RN4220::pUSA 1000	Unknown	23.16	4.30E3		
<input checked="" type="checkbox"/>	D1	non template	Negative Control				
<input checked="" type="checkbox"/>	D2	non template	Negative Control				
<input checked="" type="checkbox"/>	D3	non template	Negative Control				
<input checked="" type="checkbox"/>	D4	non template	Unknown	17.66	7.16E4		
<input checked="" type="checkbox"/>	D5	non template	Unknown				
<input checked="" type="checkbox"/>	D6	non template	Unknown				
<input checked="" type="checkbox"/>	D7	Sample 43	Unknown				
<input checked="" type="checkbox"/>	D8	Sample 44	Unknown				
<input checked="" type="checkbox"/>	D9	Sample 45	Unknown				
<input checked="" type="checkbox"/>	D10	Sample 46	Unknown				
<input checked="" type="checkbox"/>	D11	Sample 47	Unknown	35.00	2.00E-4		>, E
<input checked="" type="checkbox"/>	D12	Sample 48	Unknown	21.56	1.03E4		
<input checked="" type="checkbox"/>	E1	Sample 49	Unknown				
<input checked="" type="checkbox"/>	E2	Sample 50	Unknown	21.37	1.14E4		?
<input checked="" type="checkbox"/>	E3	Sample 51	Unknown	21.57	1.03E4		?
<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	24.42	1.72E3		
<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	23.87	2.64E3		
<input checked="" type="checkbox"/>	F12	Sample 72	Unknown				

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

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	18.60	4.49E4		
<input checked="" type="checkbox"/>	G6	Sample 78	Unknown				
<input checked="" type="checkbox"/>	G7	Sample 79	Unknown				
<input checked="" type="checkbox"/>	G8	Sample 80	Unknown	25.27	8.26E2		
<input checked="" type="checkbox"/>	G9	Sample 81	Unknown	15.97	1.66E5		E
<input checked="" type="checkbox"/>	G10	Sample 82	Unknown	10.08	3.09E6		E
<input checked="" type="checkbox"/>	G11	Sample 83	Unknown	15.94	1.68E5		E
<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	32.04	7.71E-2		E
<input checked="" type="checkbox"/>	H10	Sample 94	Unknown				
<input checked="" type="checkbox"/>	H11	Sample 95	Unknown				
<input checked="" type="checkbox"/>	H12	Sample 96	Unknown				

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

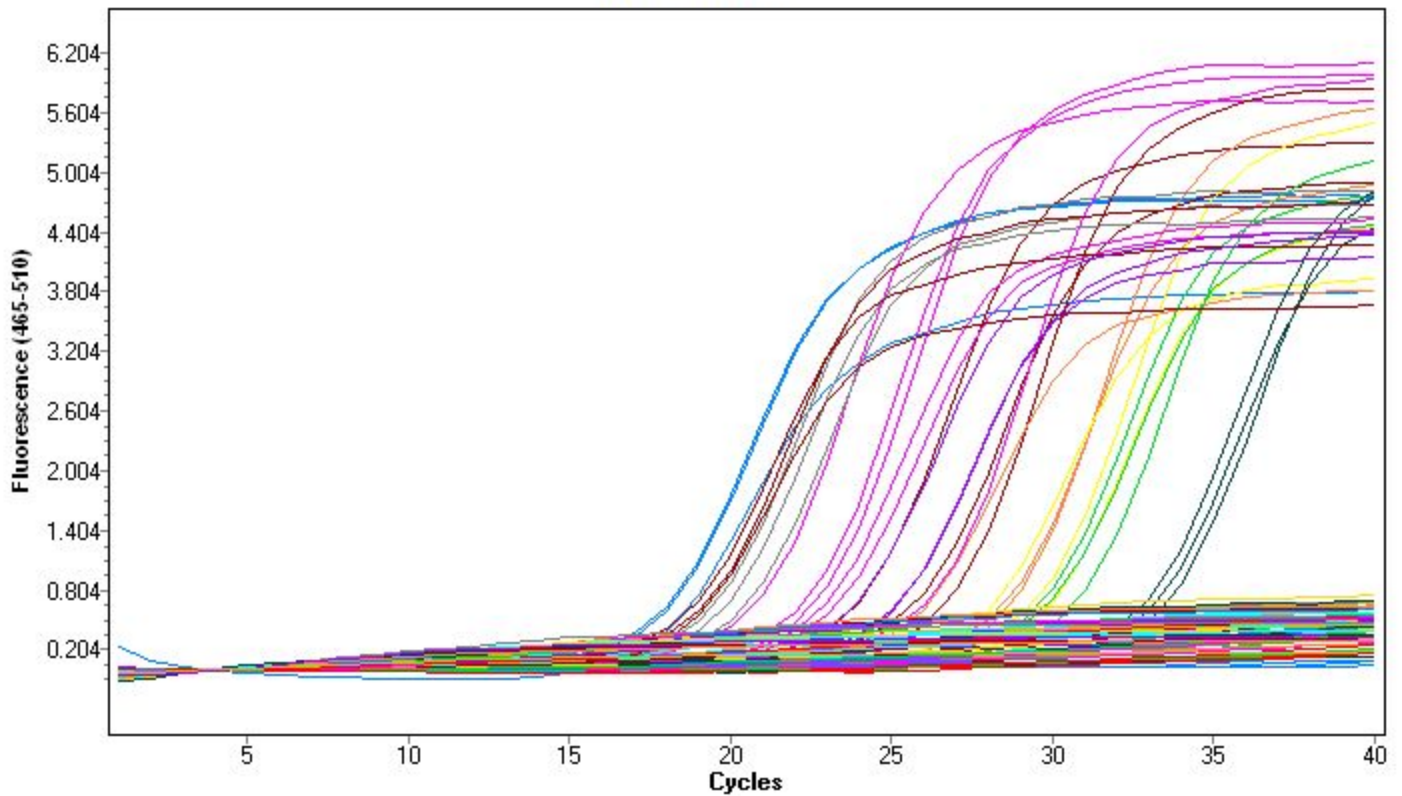
Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
A1, A2, A3	17.41	0.10	8.15E4	4.10E3
A4, A5, A6	21.70	1.02	1.05E4	5.70E3
A7, A8, A9	25.10	1.43	1.44E3	1.58E3
A10, A11, A12	27.09	1.80	3.70E2	5.80E2
B1, B2, B3	28.54	1.13	4.01E1	5.55E1
B4, B5, B6	29.62	0.59	5.28E0	3.53E0
B7, B8, B9	32.56	0.34	3.31E-2	1.73E-2
B10, B11, B12	23.42	4.88	1.15E4	1.60E4
C1, C2, C3	19.28	0.51	3.28E4	7.77E3
C4, C5, C6	23.64	2.04	4.51E3	3.63E3

Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
C7, C8, C9	18.29	0.30	5.28E4	7.52E3
C10, C11, C12	23.96	0.70	2.66E3	1.44E3
D1, D2, D3				
D4, D5, D6	17.66		7.16E4	

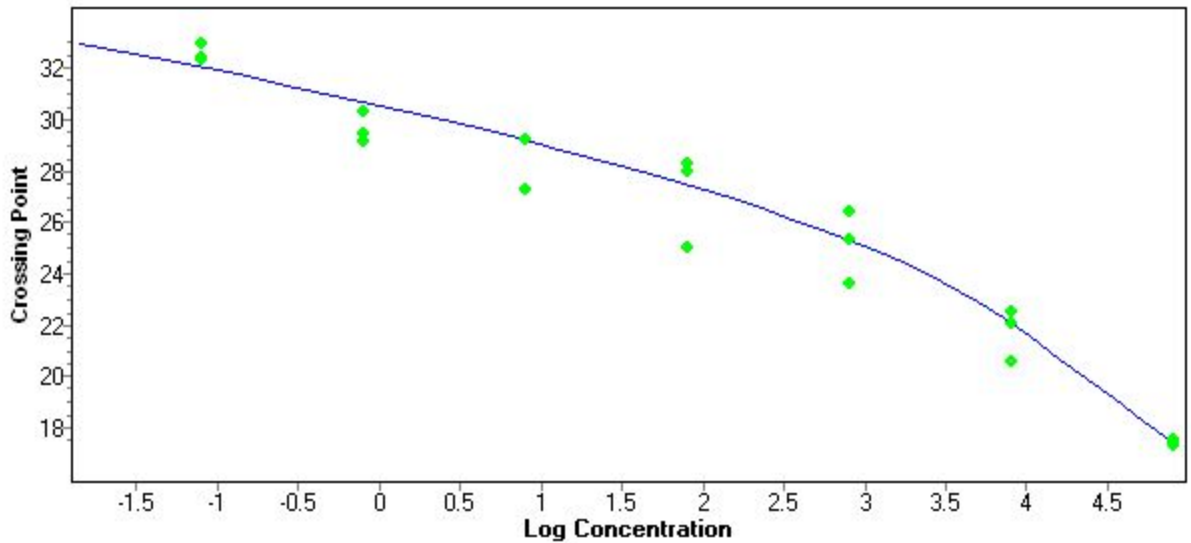
Amplification Curves



Standard Curve

— Std. curve ● Samples

Error: 0.137
 Efficiency: 1.643
 Slope: -4.637
 YIntercept: 40.18
 Link: 8,100



Analysis Notes