

**02122014blaZkvantifikace**

**Experiment**

Creation Date	12/2/2014 2:41:19 PM	Last Modified Date	12/2/2014 4:01:22 PM
Operator	LMDM	Owner	LMDM
Start Time	12/2/2014 2:52:39 PM	End Time	12/2/2014 3:56:45 PM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	blaZ kvantifikace cviko	Plate ID	03413007
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	pl_jB		A1		
A2	pl_jB		A1		
A3	pl_jB		A1		
A4	pl_jB		A4		
A5	pl_jB		A4		
A6	pl_jB		A4		
A7	pl_jB		A7		
A8	pl_jB		A7		
A9	pl_jB		A7		
A10	pl_jB		A10		
A11	pl_jB		A10		
A12	pl_jB		A10		
B1	pl_jB		B1		
B2	pl_jB		B1		
B3	pl_jB		B1		
B4	pl_jB		B4		
B5	pl_jB		B4		
B6	pl_jB		B4		
B7	pl_jB		B7		
B8	pl_jB		B7		
B9	pl_jB		B7		
B10	Sample 22				
B11	Sample 23				
B12	Sample 24				
C1	629B		C1		
C2	629B		C1		
C3	629B		C1		
C4	629B_redeno		C4		
C5	629B_redeno		C4		
C6	629B_redeno		C4		
C7	759B		C7		
C8	759B		C7		
C9	759B		C7		

**Samples**

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
C10	759B_redeno		C10	
C11	759B_redeno		C10	
C12	759B_redeno		C10	
D1	Neg_kontr		D1	
D2	Neg_kontr		D1	
D3	Neg_kontr		D1	
D4	Sample 40			
D5	Sample 41			
D6	Sample 42			
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			

## 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	pl_jB	Standard			1.00E2	
<input type="checkbox"/>	A2	pl_jB	Standard			1.00E2	
<input type="checkbox"/>	A3	pl_jB	Standard			1.00E2	
<input checked="" type="checkbox"/>	A4	pl_jB	Standard	10.57	1.16E1	1.00E1	
<input checked="" type="checkbox"/>	A5	pl_jB	Standard	9.69	1.86E1	1.00E1	
<input checked="" type="checkbox"/>	A6	pl_jB	Standard	10.34	1.32E1	1.00E1	
<input checked="" type="checkbox"/>	A7	pl_jB	Standard	15.33	9.10E-1	1.00E0	
<input checked="" type="checkbox"/>	A8	pl_jB	Standard	15.48	8.41E-1	1.00E0	
<input checked="" type="checkbox"/>	A9	pl_jB	Standard	15.72	7.39E-1	1.00E0	
<input checked="" type="checkbox"/>	A10	pl_jB	Standard	20.16	6.90E-2	1.00E-1	
<input checked="" type="checkbox"/>	A11	pl_jB	Standard	19.72	8.72E-2	1.00E-1	
<input checked="" type="checkbox"/>	A12	pl_jB	Standard	20.23	6.65E-2	1.00E-1	
<input checked="" type="checkbox"/>	B1	pl_jB	Standard	24.52	6.68E-3	1.00E-2	
<input checked="" type="checkbox"/>	B2	pl_jB	Standard	23.56	1.12E-2	1.00E-2	
<input checked="" type="checkbox"/>	B3	pl_jB	Standard	23.70	1.04E-2	1.00E-2	
<input checked="" type="checkbox"/>	B4	pl_jB	Standard	28.22	9.23E-4	1.00E-3	
<input checked="" type="checkbox"/>	B5	pl_jB	Standard	27.63	1.26E-3	1.00E-3	
<input checked="" type="checkbox"/>	B6	pl_jB	Standard	27.17	1.62E-3	1.00E-3	
<input checked="" type="checkbox"/>	B7	pl_jB	Standard	31.91	1.08E-4	1.00E-4	
<input checked="" type="checkbox"/>	B8	pl_jB	Standard	32.03	1.00E-4	1.00E-4	
<input checked="" type="checkbox"/>	B9	pl_jB	Standard	32.40	7.94E-5	1.00E-4	
<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	629B	Unknown	12.50	4.14E0		
<input checked="" type="checkbox"/>	C2	629B	Unknown	13.05	3.09E0		
<input checked="" type="checkbox"/>	C3	629B	Unknown	12.61	3.91E0		
<input checked="" type="checkbox"/>	C4	629B_redeno	Unknown	16.61	4.60E-1		
<input checked="" type="checkbox"/>	C5	629B_redeno	Unknown	16.22	5.68E-1		
<input checked="" type="checkbox"/>	C6	629B_redeno	Unknown	16.15	5.87E-1		
<input checked="" type="checkbox"/>	C7	759B	Unknown	15.46	8.48E-1		
<input checked="" type="checkbox"/>	C8	759B	Unknown	14.84	1.18E0		
<input checked="" type="checkbox"/>	C9	759B	Unknown	15.05	1.06E0		
<input checked="" type="checkbox"/>	C10	759B_redeno	Unknown	18.10	2.07E-1		
<input checked="" type="checkbox"/>	C11	759B_redeno	Unknown	17.75	2.49E-1		
<input checked="" type="checkbox"/>	C12	759B_redeno	Unknown	18.00	2.18E-1		
<input checked="" type="checkbox"/>	D1	Neg_kontr	Negative Control				

## Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	D2	Neg_kontr	Negative Control				
<input checked="" type="checkbox"/>	D3	Neg_kontr	Negative Control				
<input checked="" type="checkbox"/>	D4	Sample 40	Unknown				
<input checked="" type="checkbox"/>	D5	Sample 41	Unknown				
<input checked="" type="checkbox"/>	D6	Sample 42	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				
<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				

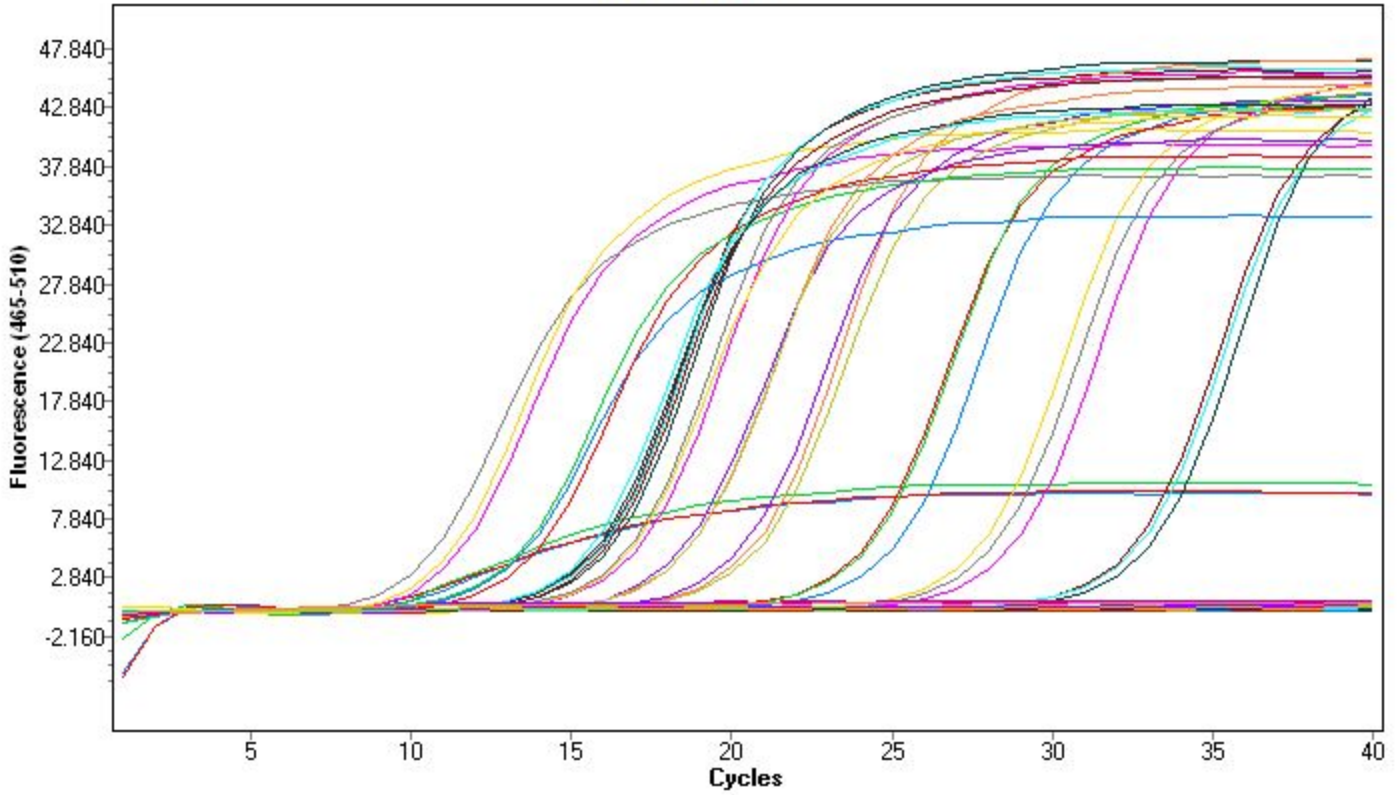
## Results

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	18.67	1.53E-1		
<input checked="" type="checkbox"/>	H11	Sample 95	Unknown				
<input checked="" type="checkbox"/>	H12	Sample 96	Unknown				

## Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
A4, A5, A6	10.20	0.46	1.45E1	3.69E0
A7, A8, A9	15.51	0.20	8.30E-1	8.60E-2
A10, A11, A12	20.03	0.27	7.42E-2	1.13E-2
B1, B2, B3	23.93	0.52	9.41E-3	2.40E-3
B4, B5, B6	27.68	0.52	1.27E-3	3.47E-4
B7, B8, B9	32.11	0.26	9.58E-5	1.48E-5
C1, C2, C3	12.72	0.29	3.71E0	5.48E-1
C4, C5, C6	16.33	0.25	5.38E-1	6.86E-2
C7, C8, C9	15.12	0.32	1.03E0	1.69E-1
C10, C11, C12	17.95	0.18	2.25E-1	2.20E-2
D1, D2, D3				

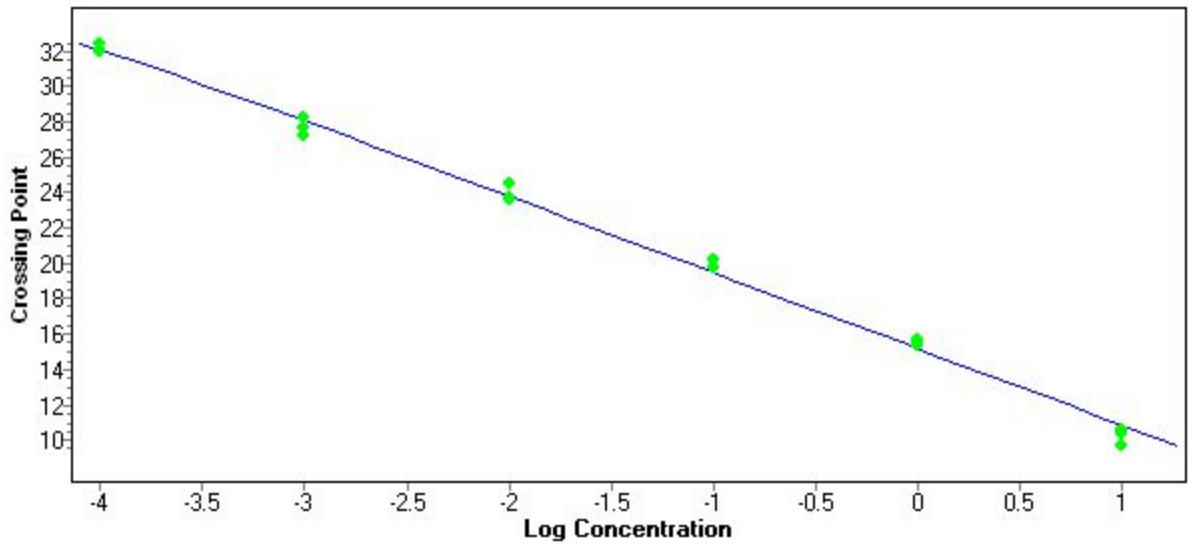
Amplification Curves



Standard Curve

— Std. curve    ● Samples

Error: 0.0396  
 Efficiency: 1.707  
 Slope: -4.305  
 YIntercept: 15.16  
 Link: 0.00126



Analysis Notes