LightCycler® 480 Software

Report

Roche

blaZ kvantifikace skupina I 10182016

Experiment

Creation Date	10/19/2016 8:09:29 AM	Last Modified Date	10/19/2016 10:03:23 AM
Operator	LMDM	Owner	LMDM
Start Time	10/19/2016 8:19:15 AM	End Time	10/19/2016 9:42:19 AM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	blaZcvika	Plate ID	C0384617
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	00:10:00	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	00:00:15	4.40		0	0	0
60	Single	00:00:45	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	Sample 1			
A2	Sample 2			
A3	Sample 3			
A4	Sample 4			
A5	Sample 5			
A6	Sample 6			
A7	Sample 7			
A8	Sample 8			
A9	Sample 9			
A10	Sample 10			
A11	Sample 11			
A12	Sample 12			
B1	Sample 13			
B2	Sample 14			
B3	Sample 15			
B4	Sample 16			
B5	Sample 17			
B6	Sample 18			
B7	Sample 19			
B8	Sample 20			
B9	Sample 21			
B10	Jevons B blaZ		B10	
B11	Jevons B blaZ		B10	
B12	Jevons B blaZ		B10	
C1	Sample 25			
C2	Sample 26			
C3	Sample 27			
C4	Sample 28			
C5	Sample 29			
C6	Sample 30			
C7	Sample 31			
C8	Sample 32			
C9	Sample 33			

Samples

Sample Count	96
Subset	All Samples

Pos	Name	ID	Repl. Of	Sample Notes
C10	Jevons B blaZ		C10	
C11	Jevons B blaZ		C10	
C12	Jevons B blaZ		C10	
D1	Sample 37			
D2	Sample 38			
D3	Sample 39			
D4	Sample 40			
D5	Sample 41			
D6	Sample 42			
D7	non template		D7	
D8	non template		D7	
D9	non template		D7	
D10	Jevons B blaZ		D10	
D11	Jevons B blaZ		D10	
D12	Jevons B blaZ		D10	
E1	Sample 49			
E2	Sample 50			
E3	Sample 51			
E4	Sample 52			
E5	Sample 53			
E6	Sample 54			
E7	RN4220::blaZ 1000		E7	
E8	RN4220::blaZ 1000		E7	
E9	RN4220::blaZ 1000		E7	
E10	Jevons B blaZ		E10	
E11	Jevons B blaZ		E10	
E12	Jevons B blaZ		E10	
F1	Sample 61			
F2	Sample 62			
F3	Sample 63			
F4	Sample 64			
F5	Sample 65			
F6	Sample 66			
F7	RN4220::pUSA 100		F7	
F8	RN4220::pUSA 100		F7	
F9	RN4220::pUSA 100		F7	
F10	Jevons B blaZ		F10	
F11	Jevons B blaZ		F10	
F12	Jevons B blaZ		F10	

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	RN4220::pT181 1000		G7	
G8	RN4220::pT181 1000		G7	
G9	RN4220::pT181 1000		G7	
G10	Jevons B blaZ		G10	
G11	Jevons B blaZ		G10	
G12	Jevons B blaZ		G10	
H1	Sample 85			
H2	Sample 86			
H3	Sample 87			
H4	Sample 88			
H5	Sample 89			
H6	Sample 90			
H7	RN4220::pT181 100		H7	
H8	RN4220::pT181 100		H7	
H9	RN4220::pT181 100		H7	
H10	Jevons B blaZ		H10	
H11	Jevons B blaZ		H10	
H12	Jevons B blaZ		H10	

Instrument

Name	29712	Serial Number	29712

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
☑	A1	Sample 1	Unknown				
☑	A2	Sample 2	Unknown				
☑	A3	Sample 3	Unknown				
☑	A4	Sample 4	Unknown				
☑	A5	Sample 5	Unknown				
☑	A6	Sample 6	Unknown				
☑	A7	Sample 7	Unknown				
☑	A8	Sample 8	Unknown				
☑	A9	Sample 9	Unknown				
☑	A10	Sample 10	Unknown				
☑	A11	Sample 11	Unknown				
☑	A12	Sample 12	Unknown				
☑	B1	Sample 13	Unknown				
☑	B2	Sample 14	Unknown				
☑	B3	Sample 15	Unknown				
☑	B4	Sample 16	Unknown				
☑	B5	Sample 17	Unknown				
☑	B6	Sample 18	Unknown				
☑	B7	Sample 19	Unknown				
☑	B8	Sample 20	Unknown				
☑	B9	Sample 21	Unknown				
☐	B10	Jevons B blaZ	Standard			3.00E-2	
☑	B11	Jevons B blaZ	Standard	35.00	1.00E0	3.00E-2	>
☑	B12	Jevons B blaZ	Standard	35.00	1.00E0	3.00E-2	>
☑	C1	Sample 25	Unknown				
☑	C2	Sample 26	Unknown				
☑	C3	Sample 27	Unknown				
☑	C4	Sample 28	Unknown				
☑	C5	Sample 29	Unknown				
☑	C6	Sample 30	Unknown				
☑	C7	Sample 31	Unknown				
☑	C8	Sample 32	Unknown				
☑	C9	Sample 33	Unknown				
☐	C10	Jevons B blaZ	Standard			3.00E-1	
☑	C11	Jevons B blaZ	Standard	35.00	1.00E0	3.00E-1	>

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

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
☐	C12	Jevons B blaZ	Standard			3.00E-1	
☑	D1	Sample 37	Unknown				
☑	D2	Sample 38	Unknown				
☑	D3	Sample 39	Unknown				
☑	D4	Sample 40	Unknown				
☑	D5	Sample 41	Unknown				
☑	D6	Sample 42	Unknown				
☑	D7	non template	Negative Control				
☑	D8	non template	Negative Control				
☑	D9	non template	Negative Control				
☐	D10	Jevons B blaZ	Standard			3.00E0	
☐	D11	Jevons B blaZ	Standard			3.00E0	
☑	D12	Jevons B blaZ	Standard	35.00	1.00E0	3.00E0	>
☑	E1	Sample 49	Unknown				
☑	E2	Sample 50	Unknown				
☑	E3	Sample 51	Unknown				
☑	E4	Sample 52	Unknown				
☑	E5	Sample 53	Unknown				
☑	E6	Sample 54	Unknown				
☑	E7	RN4220::blaZ 1000	Unknown	20.76	1.00E0		
☑	E8	RN4220::blaZ 1000	Unknown	20.65	1.00E0		
☑	E9	RN4220::blaZ 1000	Unknown	20.29	1.00E0		
☑	E10	Jevons B blaZ	Standard	35.00	1.00E0	3.00E1	>
☐	E11	Jevons B blaZ	Standard			3.00E1	
☑	E12	Jevons B blaZ	Standard	35.00	1.00E0	3.00E1	>
☑	F1	Sample 61	Unknown				
☑	F2	Sample 62	Unknown				
☑	F3	Sample 63	Unknown				
☑	F4	Sample 64	Unknown				
☑	F5	Sample 65	Unknown				
☑	F6	Sample 66	Unknown				
☑	F7	RN4220::pUSA 100	Unknown	17.12	1.00E0		
☑	F8	RN4220::pUSA 100	Unknown	16.32	1.00E0		
☑	F9	RN4220::pUSA 100	Unknown	16.00	1.00E0		
☑	F10	Jevons B blaZ	Standard	35.00	1.00E0	3.00E2	>
☐	F11	Jevons B blaZ	Standard			3.00E2	
☐	F12	Jevons B blaZ	Standard			3.00E2	

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

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
☑	G1	Sample 73	Unknown				
☑	G2	Sample 74	Unknown				
☑	G3	Sample 75	Unknown				
☑	G4	Sample 76	Unknown				
☑	G5	Sample 77	Unknown				
☑	G6	Sample 78	Unknown				
☑	G7	RN4220::pT181 1000	Unknown				
☑	G8	RN4220::pT181 1000	Unknown	35.00	1.00E0		>
☑	G9	RN4220::pT181 1000	Unknown				
☐	G10	Jevons B blaZ	Standard			3.00E3	
☐	G11	Jevons B blaZ	Standard			3.00E3	
☑	G12	Jevons B blaZ	Standard	35.00	1.00E0	3.00E3	>
☑	H1	Sample 85	Unknown				
☑	H2	Sample 86	Unknown				
☑	H3	Sample 87	Unknown				
☑	H4	Sample 88	Unknown				
☑	H5	Sample 89	Unknown				
☑	H6	Sample 90	Unknown				
☐	H7	RN4220::pT181 100	Unknown				
☑	H8	RN4220::pT181 100	Unknown	33.72	1.00E0		
☑	H9	RN4220::pT181 100	Unknown	35.00	1.00E0		>
☐	H10	Jevons B blaZ	Standard			3.00E4	
☐	H11	Jevons B blaZ	Standard			3.00E4	
☐	H12	Jevons B blaZ	Standard			3.00E4	

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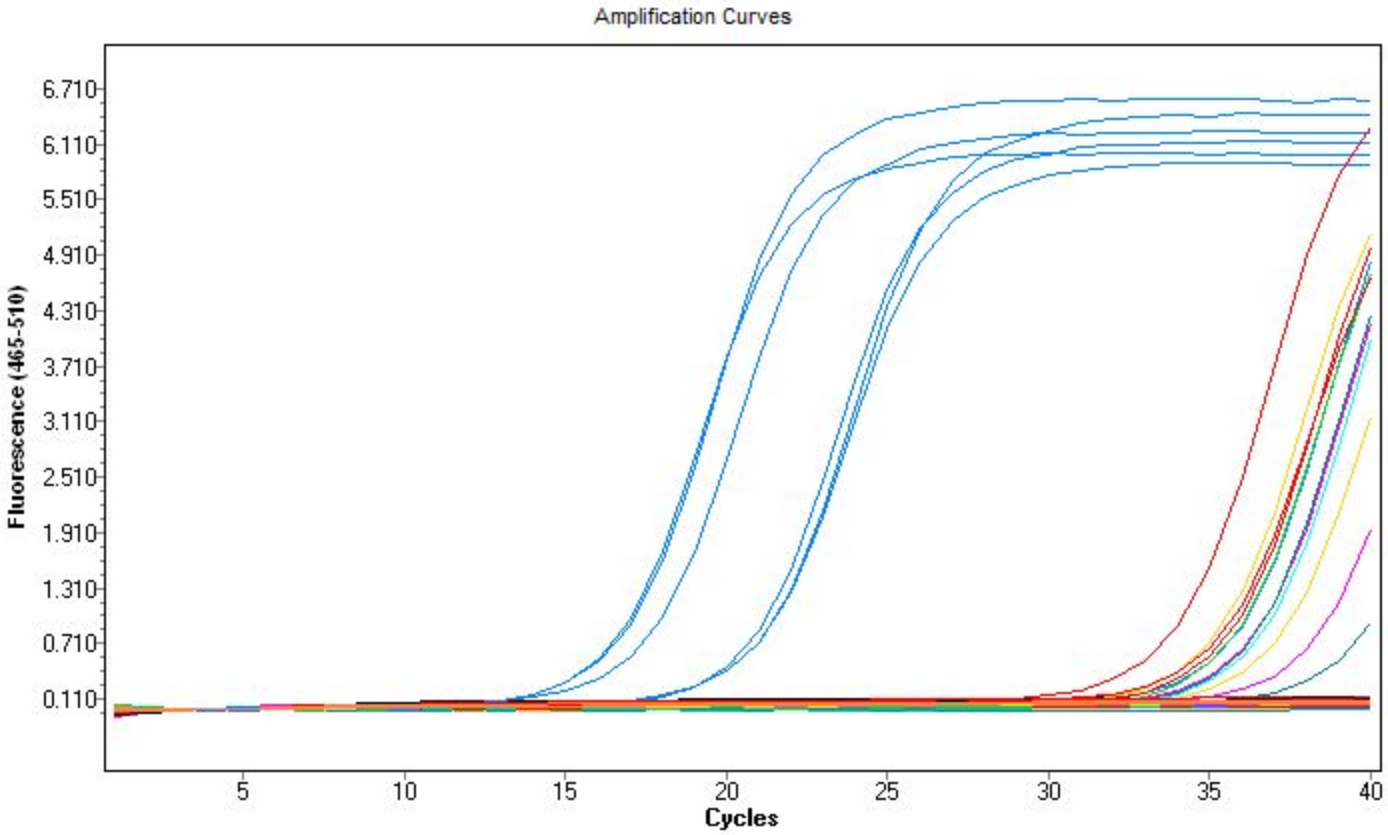
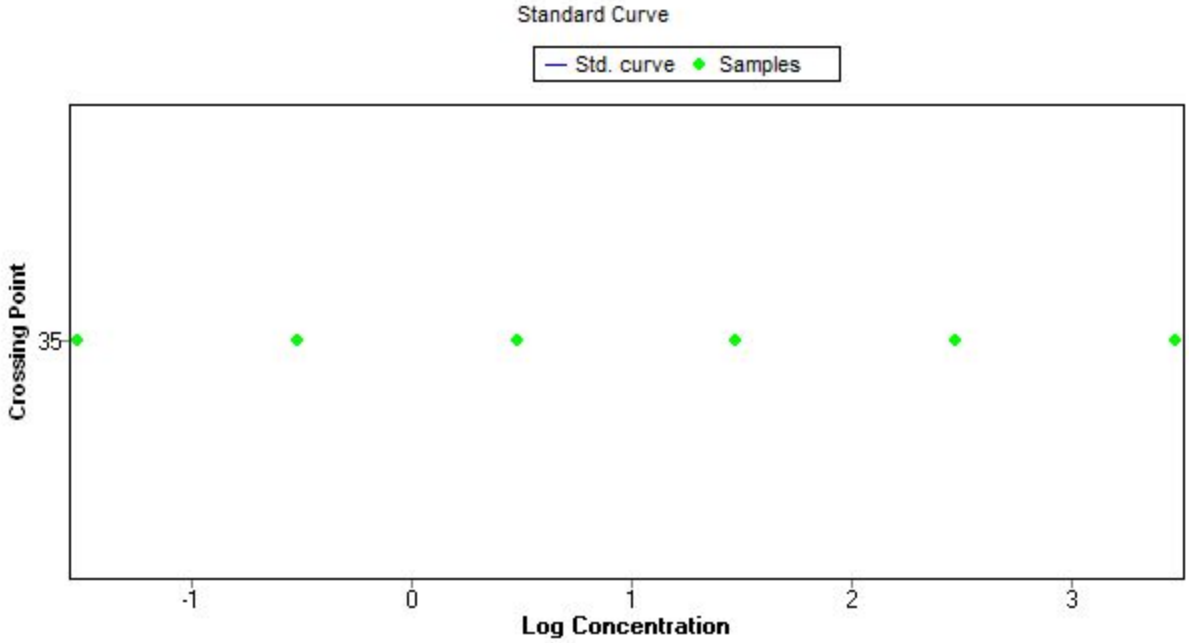
Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
B11, B12	35.00		1.00E0	
D7, D8, D9				
E7, E8, E9	20.57	0.24	1.00E0	
E10, E12	35.00		1.00E0	
F7, F8, F9	16.48	0.58	1.00E0	
G7, G8, G9	35.00		1.00E0	
H8, H9	34.36	0.90	1.00E0	





Error incalculable
Efficiency: 0.000
Slope: 0.000
YIntercept: 0.000
Link: 0.000

Analysis Notes	