20171017SAU

Experiment

Creation Date	10/18/2017 10:18:40 AM	Last Modified Date	10/24/2017 9:52:05 AM
Operator	LMDM	Owner	LMDM
Start Time	10/18/2017 10:26:44 AM	End Time	10/18/2017 11:31:34 AM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	02122014blaZkvantifikace Run Protocol	Plate ID	C0384606
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	chr. DNA JB			
A2	chr. DNA JB			
A3	chr. DNA JB			
A4	chr. DNA JB			
A5	chr. DNA JB			
A6	chr. DNA JB			
A7	chr. DNA JB			
A8	chr. DNA JB			
A9	chr. DNA JB			
A10	chr. DNA JB			
A11	chr. DNA JB			
A12	chr. DNA JB			
B1	chr. DNA JB			
B2	chr. DNA JB			
B3	chr. DNA JB			
B4	chr. DNA JB			
B5	chr. DNA JB			
B6	chr. DNA JB			
B7	chr. DNA JB			
B8	chr. DNA JB			
B9	chr. DNA JB			
B10	H2O			
B11	H2O			
B12	H2O			
C1	vzorek 1 M1039			
C2	vzorek 1 M1039			
C3	vzorek 1 M1039			
C4	vzorek2 Viktor tet			
C5	vzorek2 Viktor tet			
C6	vzorek2 Viktor tet			
C7	vzorek 3 Katka Cd			
C8	vzorek 3 Katka Cd			
C9	vzorek 3 Katka Cd			

Samples

Sample Count	96
Subset	All Samples

Pos	Name	ID	Repl. Of	Sample Notes
C10	vzorek4 9tet			
C11	vzorek4 9tet			
C12	vzorek4 9tet			
D1	Sample 37			
D2	Sample 38			
D3	Sample 39			
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			

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	chr. DNA JB	Standard	30.47	3.90E3	9.10E4	
☑	A2	chr. DNA JB	Standard	24.67	1.21E5	9.10E4	
☑	A3	chr. DNA JB	Standard	25.17	9.10E4	9.10E4	
☑	A4	chr. DNA JB	Standard	29.26	9.10E3	9.10E3	
☑	A5	chr. DNA JB	Standard	32.80	3.06E2	9.10E3	
☑	A6	chr. DNA JB	Standard	29.23	9.22E3	9.10E3	
☑	A7	chr. DNA JB	Standard	32.13	7.19E2	9.10E2	
☑	A8	chr. DNA JB	Standard	31.65	1.26E3	9.10E2	
☑	A9	chr. DNA JB	Standard	32.67	3.65E2	9.10E2	
☑	A10	chr. DNA JB	Standard	35.00	9.28E0	9.10E1	>
☑	A11	chr. DNA JB	Standard	35.00	9.28E0	9.10E1	>
☑	A12	chr. DNA JB	Standard	35.00	9.28E0	9.10E1	>
☑	B1	chr. DNA JB	Standard	35.00	9.28E0	9.10E0	>
☑	B2	chr. DNA JB	Standard	35.00	9.28E0	9.10E0	>
☑	B3	chr. DNA JB	Standard	35.00	9.28E0	9.10E0	>
☑	B4	chr. DNA JB	Standard	35.00	9.28E0	9.10E-1	?, >
☑	B5	chr. DNA JB	Standard	35.00	9.28E0	9.10E-1	>
☑	B6	chr. DNA JB	Standard	35.00	9.28E0	9.10E-1	>
☐	B7	chr. DNA JB	Standard			9.10E-2	
☐	B8	chr. DNA JB	Standard			9.10E-2	
☐	B9	chr. DNA JB	Standard			9.10E-2	
☑	B10	H2O	Negative Control				
☑	B11	H2O	Negative Control				
☑	B12	H2O	Negative Control	35.00	9.28E0		>
☑	C1	vzorek 1 M1039	Unknown	24.91	1.06E5		E
☑	C2	vzorek 1 M1039	Unknown	23.98	1.78E5		E
☑	C3	vzorek 1 M1039	Unknown	23.28	2.65E5		E
☑	C4	vzorek2 Viktor tet	Unknown	18.43	4.07E6		E
☑	C5	vzorek2 Viktor tet	Unknown	18.76	3.38E6		E
☑	C6	vzorek2 Viktor tet	Unknown	19.78	1.90E6		E
☑	C7	vzorek 3 Katka Cd	Unknown	20.97	9.74E5		E
☑	C8	vzorek 3 Katka Cd	Unknown	22.27	4.67E5		E
☑	C9	vzorek 3 Katka Cd	Unknown	22.67	3.73E5		E
☑	C10	vzorek4 9tet	Unknown	20.91	1.01E6		E
☑	C11	vzorek4 9tet	Unknown	21.63	6.69E5		E

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

Results

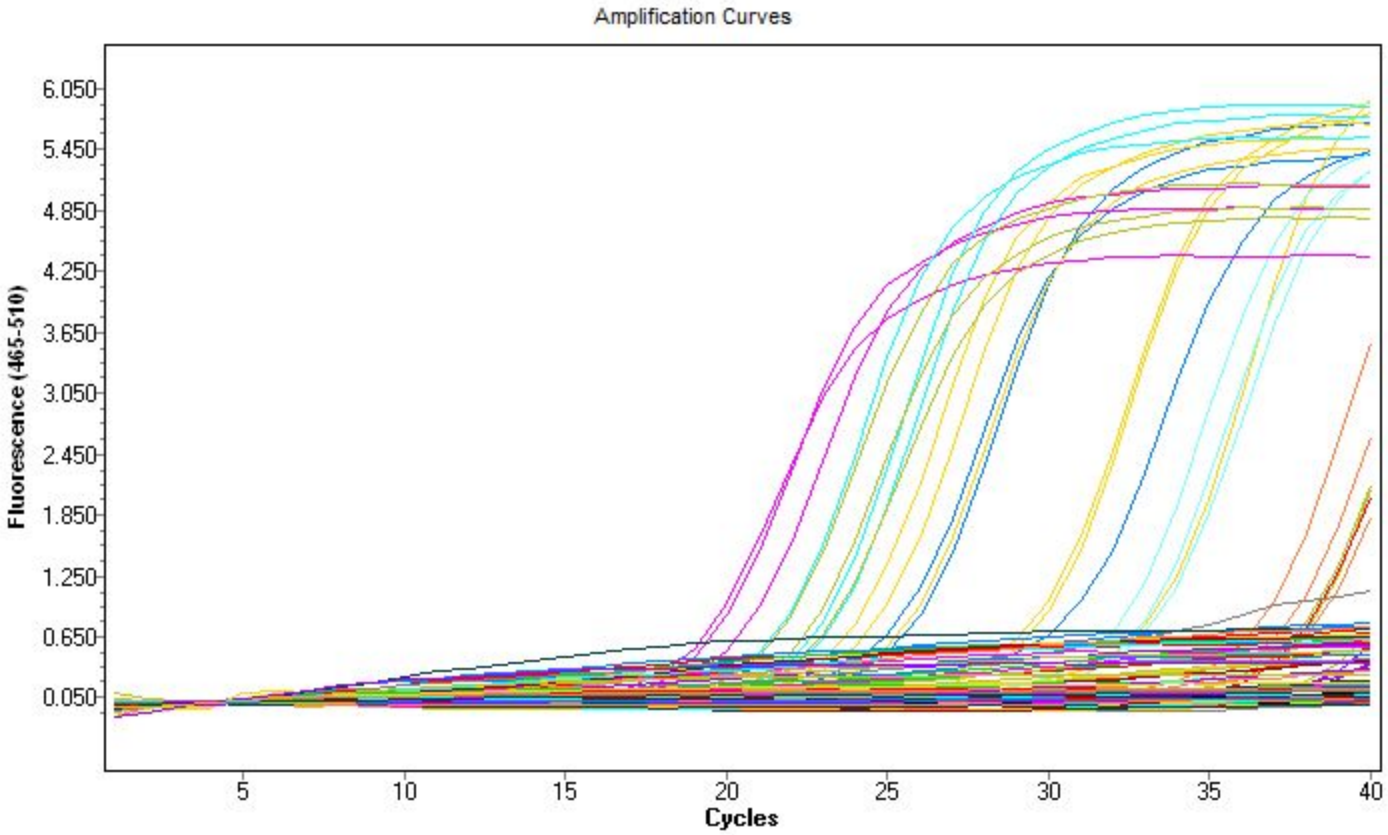
Inc	Pos	Name	Type	CP	Concentration	Standard	Status
☑	C12	vzorek4 9tet	Unknown	22.16	4.97E5		E
☑	D1	Sample 37	Unknown	17.67	6.25E6		E
☑	D2	Sample 38	Unknown				
☑	D3	Sample 39	Unknown				
☑	D4	Sample 40	Unknown				
☑	D5	Sample 41	Unknown				
☑	D6	Sample 42	Unknown	32.41	5.10E2		
☑	D7	Sample 43	Unknown	29.06	1.02E4		?
☑	D8	Sample 44	Unknown	29.06	1.02E4		
☑	D9	Sample 45	Unknown	31.78	1.09E3		
☑	D10	Sample 46	Unknown				
☑	D11	Sample 47	Unknown				
☑	D12	Sample 48	Unknown				
☑	E1	Sample 49	Unknown				
☑	E2	Sample 50	Unknown				
☑	E3	Sample 51	Unknown				
☑	E4	Sample 52	Unknown				
☑	E5	Sample 53	Unknown				
☑	E6	Sample 54	Unknown	28.31	1.55E4		?
☑	E7	Sample 55	Unknown	29.19	9.45E3		?
☑	E8	Sample 56	Unknown				
☑	E9	Sample 57	Unknown				
☑	E10	Sample 58	Unknown				
☑	E11	Sample 59	Unknown				
☑	E12	Sample 60	Unknown				
☑	F1	Sample 61	Unknown				
☑	F2	Sample 62	Unknown	17.99	5.23E6		E
☑	F3	Sample 63	Unknown	18.10	4.90E6		E
☑	F4	Sample 64	Unknown				
☑	F5	Sample 65	Unknown	32.10	7.46E2		
☑	F6	Sample 66	Unknown				
☑	F7	Sample 67	Unknown				
☑	F8	Sample 68	Unknown				
☑	F9	Sample 69	Unknown				
☑	F10	Sample 70	Unknown				
☑	F11	Sample 71	Unknown				
☑	F12	Sample 72	Unknown				

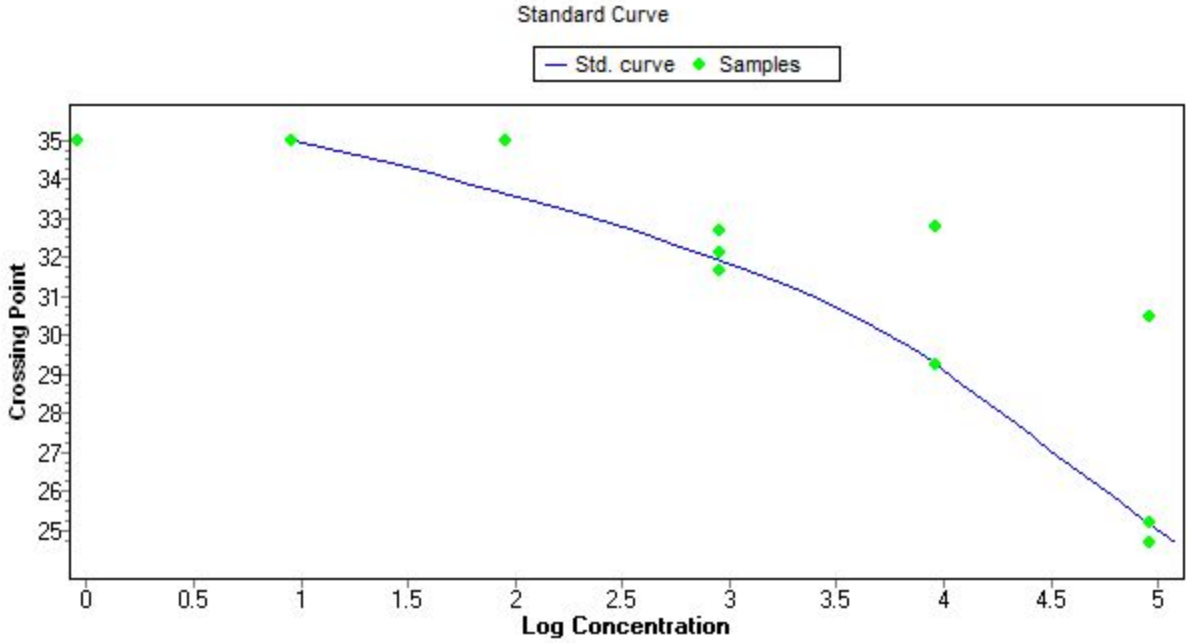
> - Late Cp call (last five cycles) has higher uncertainty, ? - Detector Call uncertain, E - Extrapolated concentration in standard curve

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
☑	G1	Sample 73	Unknown				
☑	G2	Sample 74	Unknown				
☑	G3	Sample 75	Unknown	10.29	4.01E8		E
☑	G4	Sample 76	Unknown				
☑	G5	Sample 77	Unknown				
☑	G6	Sample 78	Unknown				
☑	G7	Sample 79	Unknown				
☑	G8	Sample 80	Unknown	21.10	9.04E5		E
☑	G9	Sample 81	Unknown				
☑	G10	Sample 82	Unknown				
☑	G11	Sample 83	Unknown	18.64	3.62E6		E
☑	G12	Sample 84	Unknown	21.38	7.73E5		E
☑	H1	Sample 85	Unknown				
☑	H2	Sample 86	Unknown				
☑	H3	Sample 87	Unknown	27.23	2.85E4		
☑	H4	Sample 88	Unknown	23.66	2.14E5		E
☑	H5	Sample 89	Unknown				
☑	H6	Sample 90	Unknown	26.10	5.39E4		
☑	H7	Sample 91	Unknown	26.06	5.52E4		
☑	H8	Sample 92	Unknown				
☑	H9	Sample 93	Unknown				
☑	H10	Sample 94	Unknown				
☑	H11	Sample 95	Unknown				
☑	H12	Sample 96	Unknown				

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





Error: 0.236
Efficiency: 1.757
Slope: -4.084
YIntercept: 45.43
Link: 9,100

Analysis Notes	