



### 20191023tetK

#### Experiment

Creation Date	10/23/2019 10:13:17 AM	Last Modified Date	10/23/2019 12:22:44 PM
Operator	LMDM	Owner	LMDM
Start Time	10/23/2019 10:26:23 AM	End Time	10/23/2019 11:30:32 AM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	02122014blaZkvantifikace Run Protocol, 20191022SAU Sample Information	Plate ID	07409365
Test ID		Lot ID	
Color Comp ID			
Run Notes	dhghrhjdrii. 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

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	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	Sample 22			
B11	Sample 23			
B12	Sample 24			
C1	Sample 25			
C2	Sample 26			
C3	Sample 27			
C4	Sample 28			
C5	Sample 29			
C6	Sample 30			

## Samples

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
C7	Sample 31			
C8	Sample 32			
C9	Sample 33			
C10	Sample 34			
C11	Sample 35			
C12	Sample 36			
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			

## Samples

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
F10	Sample 70			
F11	Sample 71			
F12	Sample 72			
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 checked="" type="checkbox"/>	A1	Jevons tetK	Standard	14.78	1.20E4	1.07E4	
<input checked="" type="checkbox"/>	A2	Jevons tetK	Standard	14.61	1.37E4	1.07E4	
<input checked="" type="checkbox"/>	A3	Jevons tetK	Standard	14.96	1.03E4	1.07E4	
<input checked="" type="checkbox"/>	A4	Jevons tetK	Standard	18.05	8.39E2	1.07E3	
<input checked="" type="checkbox"/>	A5	Jevons tetK	Standard	17.61	1.20E3	1.07E3	
<input checked="" type="checkbox"/>	A6	Jevons tetK	Standard	17.11	1.81E3	1.07E3	
<input checked="" type="checkbox"/>	A7	Jevons tetK	Standard	20.60	1.06E2	1.07E2	
<input checked="" type="checkbox"/>	A8	Jevons tetK	Standard	20.96	7.91E1	1.07E2	
<input checked="" type="checkbox"/>	A9	Jevons tetK	Standard	21.18	6.60E1	1.07E2	
<input checked="" type="checkbox"/>	A10	Jevons tetK	Standard	24.00	6.72E0	1.07E1	
<input checked="" type="checkbox"/>	A11	Jevons tetK	Standard	24.08	6.25E0	1.07E1	
<input checked="" type="checkbox"/>	A12	Jevons tetK	Standard	24.84	3.38E0	1.07E1	
<input checked="" type="checkbox"/>	B1	Jevons tetK	Standard	26.86	6.53E-1	1.07E0	
<input checked="" type="checkbox"/>	B2	Jevons tetK	Standard	25.30	2.33E0	1.07E0	
<input checked="" type="checkbox"/>	B3	Jevons tetK	Standard	25.51	1.97E0	1.07E0	
<input checked="" type="checkbox"/>	B4	Jevons tetK	Standard	30.04	5.17E-2	1.07E-1	
<input checked="" type="checkbox"/>	B5	Jevons tetK	Standard	29.09	1.07E-1	1.07E-1	
<input checked="" type="checkbox"/>	B6	Jevons tetK	Standard	28.73	1.43E-1	1.07E-1	
<input checked="" type="checkbox"/>	B7	Jevons tetK	Standard	32.35	1.24E-2	1.07E-2	
<input checked="" type="checkbox"/>	B8	Jevons tetK	Standard	32.83	9.86E-3	1.07E-2	
<input checked="" type="checkbox"/>	B9	Jevons tetK	Standard	32.65	1.07E-2	1.07E-2	
<input checked="" type="checkbox"/>	B10	H2O	Unknown				
<input checked="" type="checkbox"/>	B11	H2O	Unknown	35.00	4.49E-3		>, E
<input checked="" type="checkbox"/>	B12	H2O	Unknown				
<input checked="" type="checkbox"/>	C1	T4	Unknown	26.64	7.82E-1		
<input checked="" type="checkbox"/>	C2	T4	Unknown	26.24	1.08E0		
<input checked="" type="checkbox"/>	C3	T4	Unknown	25.88	1.45E0		
<input checked="" type="checkbox"/>	C4	T5	Unknown	6.74	8.25E6		E
<input checked="" type="checkbox"/>	C5	T5	Unknown	6.61	9.18E6		E
<input checked="" type="checkbox"/>	C6	T5	Unknown	6.97	6.84E6		E
<input checked="" type="checkbox"/>	C7	C4	Unknown	6.78	7.97E6		E
<input checked="" type="checkbox"/>	C8	C4	Unknown				
<input checked="" type="checkbox"/>	C9	C4	Unknown	7.15	5.88E6		E
<input checked="" type="checkbox"/>	C10	control+	Positive Control/Calibrator	13.83	2.59E4		E
<input checked="" type="checkbox"/>	C11	control+	Positive Control/Calibrator	14.92	1.07E4		

> - 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	control+	Positive Control/Calibrator	12.87	5.68E4		E
<input checked="" type="checkbox"/>	D1	control-	Negative Control				
<input checked="" type="checkbox"/>	D2	control-	Negative Control				
<input checked="" type="checkbox"/>	D3	control-	Negative Control	35.00	4.49E-3		>
<input checked="" type="checkbox"/>	D4	Sample 40	Unknown	30.96	2.75E-2		?
<input checked="" type="checkbox"/>	D5	Sample 41	Unknown	35.00	4.49E-3		>, E
<input checked="" type="checkbox"/>	D6	Sample 42	Unknown	35.00	4.49E-3		>, E
<input checked="" type="checkbox"/>	D7	Sample 43	Unknown				
<input checked="" type="checkbox"/>	D8	Sample 44	Unknown	22.13	3.05E1		
<input checked="" type="checkbox"/>	D9	Sample 45	Unknown	16.20	3.78E3		
<input checked="" type="checkbox"/>	D10	Sample 46	Unknown	28.07	2.45E-1		?
<input checked="" type="checkbox"/>	D11	Sample 47	Unknown	19.82	2.00E2		
<input checked="" type="checkbox"/>	D12	Sample 48	Unknown	15.54	6.48E3		
<input checked="" type="checkbox"/>	E1	Sample 49	Unknown				
<input checked="" type="checkbox"/>	E2	Sample 50	Unknown	22.68	1.96E1		?
<input checked="" type="checkbox"/>	E3	Sample 51	Unknown	30.36	4.12E-2		?
<input checked="" type="checkbox"/>	E4	Sample 52	Unknown				
<input checked="" type="checkbox"/>	E5	Sample 53	Unknown				
<input checked="" type="checkbox"/>	E6	Sample 54	Unknown	24.06	6.36E0		
<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	25.97	1.35E0		
<input checked="" type="checkbox"/>	E11	Sample 59	Unknown	23.76	8.12E0		
<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	15.61	6.09E3		
<input checked="" type="checkbox"/>	F4	Sample 64	Unknown	30.88	2.91E-2		?
<input checked="" type="checkbox"/>	F5	Sample 65	Unknown	35.00	4.49E-3		>, E
<input checked="" type="checkbox"/>	F6	Sample 66	Unknown	35.00	4.49E-3		>, E
<input checked="" type="checkbox"/>	F7	Sample 67	Unknown	29.81	6.09E-2		?
<input checked="" type="checkbox"/>	F8	Sample 68	Unknown	28.13	2.34E-1		?
<input checked="" type="checkbox"/>	F9	Sample 69	Unknown	29.46	7.98E-2		?
<input checked="" type="checkbox"/>	F10	Sample 70	Unknown	27.32	4.51E-1		
<input checked="" type="checkbox"/>	F11	Sample 71	Unknown	20.98	7.78E1		
<input checked="" type="checkbox"/>	F12	Sample 72	Unknown				

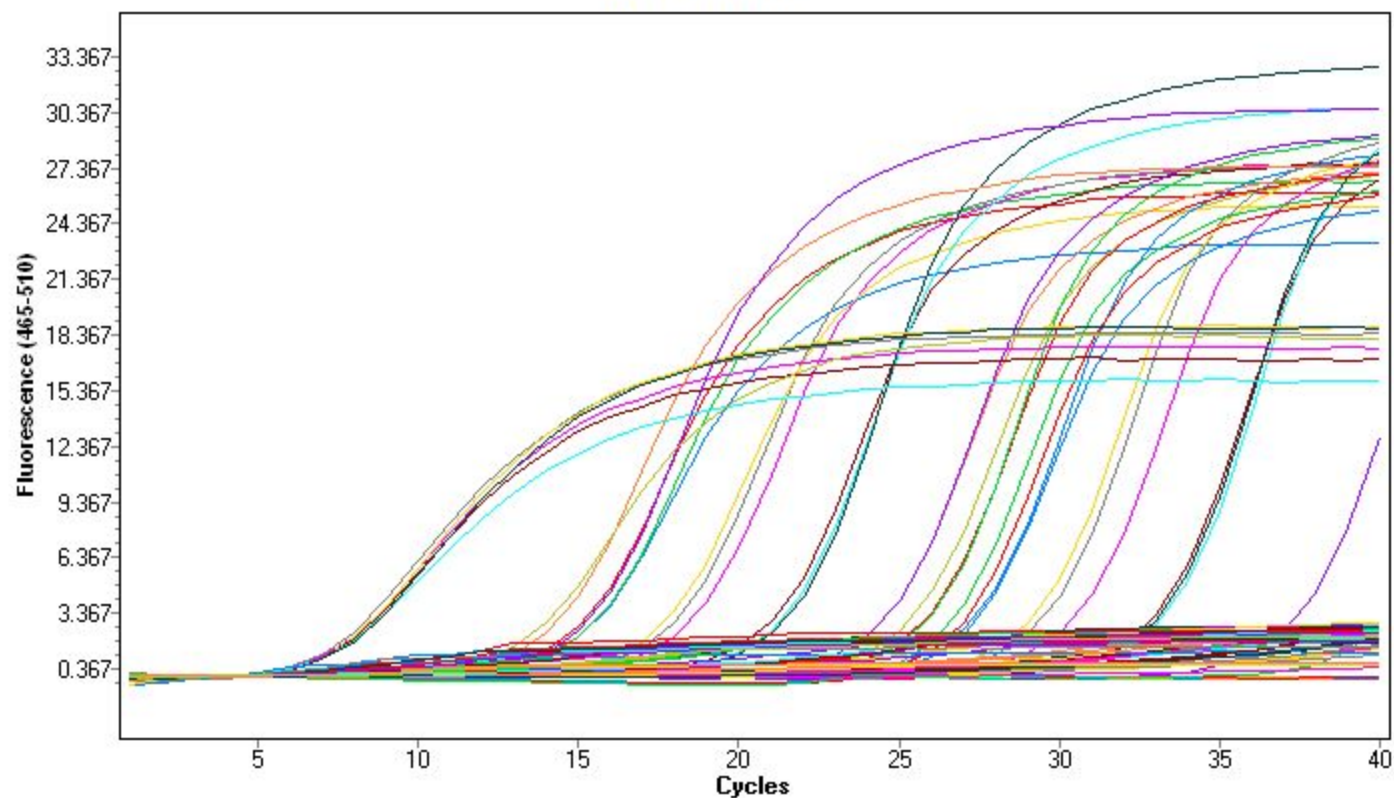
> - Late Cp call (last five cycles) has higher uncertainty, E - Extrapolated concentration in standard curve, ? - Detector Call uncertain

## 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	15.52	6.58E3		
<input checked="" type="checkbox"/>	G4	Sample 76	Unknown				
<input checked="" type="checkbox"/>	G5	Sample 77	Unknown	35.00	4.49E-3		>, E
<input checked="" type="checkbox"/>	G6	Sample 78	Unknown	29.12	1.04E-1		?
<input checked="" type="checkbox"/>	G7	Sample 79	Unknown	21.39	5.56E1		
<input checked="" type="checkbox"/>	G8	Sample 80	Unknown	20.15	1.53E2		
<input checked="" type="checkbox"/>	G9	Sample 81	Unknown				
<input checked="" type="checkbox"/>	G10	Sample 82	Unknown	29.15	1.02E-1		
<input checked="" type="checkbox"/>	G11	Sample 83	Unknown				
<input checked="" type="checkbox"/>	G12	Sample 84	Unknown				
<input checked="" type="checkbox"/>	H1	Sample 85	Unknown	16.98	2.00E3		
<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				

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

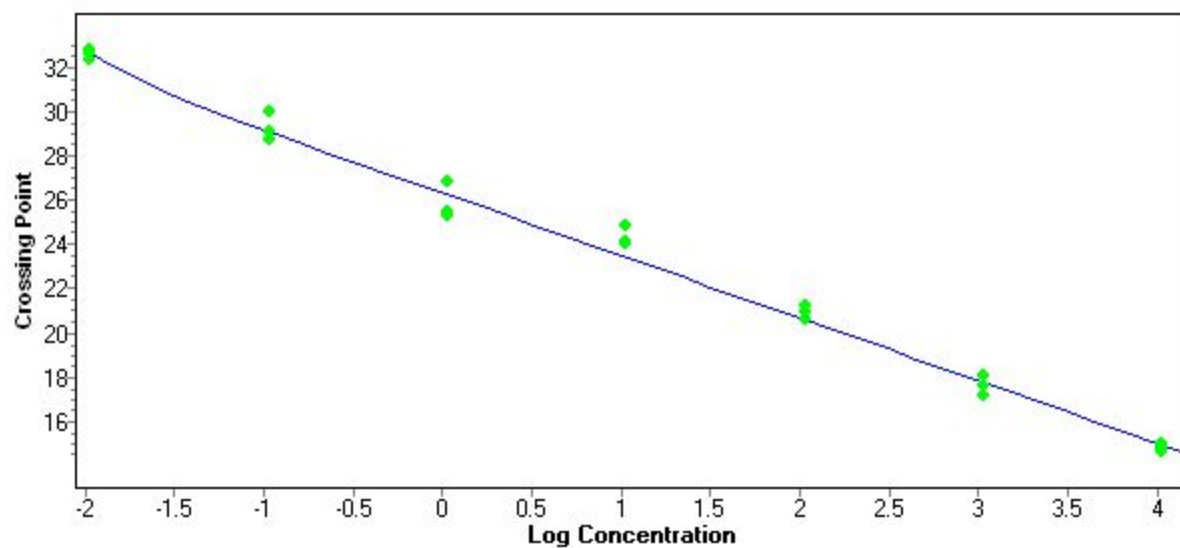
Amplification Curves



Standard Curve

— Std. curve ● Samples

Error: 0.0548  
 Efficiency: 2.253  
 Slope: -2.834  
 YIntercept: 26.34  
 Link: 0.107



Analysis Notes