

**20231212cvika2tetK**

**Experiment**

Creation Date	12/12/2023 3:06:19 PM	Last Modified Date	12/12/2023 4:33:03 PM
Operator	System Admin	Owner	System Admin
Start Time	12/12/2023 3:18:27 PM	End Time	12/12/2023 4:25:36 PM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	praktika_13122022_blaZ Run Protocol	Plate ID	B8681966
Test ID		Lot ID	
Color Comp ID			
Run Notes			

**Programs**

Program Name	Pre-inkubace						
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	Amplifikace						
Cycles	45	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
58	None	00:00:20	2.20		0	0	0
72	Single	00:00:05	4.40		0	0	0

Program Name	Melting curve						
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	00:00:05	4.40		0	0	0
65	None	00:01:00	2.20		0	0	0
97	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)

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	00:00:10	1.50		0	0	0

### Samples

Sample Count		96					
Subset		All Samples					
Pos	Name	ID	Repl. Of	Sample Notes			
A1	JB tetK						
A2	JB tetK						
A3	JB tetK						
A4	JB tetK-1						
A5	JB tetK-1						
A6	JB tetK-1						
A7	JB tetK-2						
A8	JB tetK-2						
A9	JB tetK-2						
A10	JB tetK-3						
A11	JB tetK-3						
A12	JB tetK-3						
B1	JB tetK-4						
B2	JB tetK-4						
B3	JB tetK-4						
B4	JB tetK-5						
B5	JB tetK-5						
B6	JB tetK-5						
B7	JB tetK-6						
B8	JB tetK-6						
B9	JB tetK-6						
B10	Trans-1 tetK						
B11	Trans-1 tetK						
B12	Trans-1 tetK						
C1	Trans-1 tetK-1						
C2	Trans-1 tetK-1						
C3	Trans-1 tetK-1						
C4	Trans-2 tetK						
C5	Trans-2 tetK						
C6	Trans-2 tetK						
C7	Trans-2 tetK-1						
C8	Trans-2 tetK-1						
C9	Trans-2 tetK-1						
C10	Negkontrol						
C11	Negkontrol						
C12	Negkontrol						

## Samples

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
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			
G1	Sample 73			
G2	Sample 74			
G3	Sample 75			

## Samples

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
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	SN33882	Serial Number	33882
------	---------	---------------	-------

## 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	Amplifikace	Units	
Mode	High Confidence		

Subset Name	All Samples
-------------	-------------

## Results

Ext	Post	Name	Concentration in standard curve, ? - Detector Call uncer	Type	CP	Concentration	Standard	Status
-----	------	------	--	------	----	---------------	----------	--------

20231212cvika2tetK

12/12/2023

Page 4 of 8

## Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	A1	JB tetK	Standard	9.17	1.76E4	2.30E4	
<input checked="" type="checkbox"/>	A2	JB tetK	Standard	8.62	2.56E4	2.30E4	
<input checked="" type="checkbox"/>	A3	JB tetK	Standard	8.80	2.27E4	2.30E4	
<input checked="" type="checkbox"/>	A4	JB tetK-1	Standard	11.58	3.46E3	2.30E3	
<input type="checkbox"/>	A5	JB tetK-1	Standard			2.30E3	
<input checked="" type="checkbox"/>	A6	JB tetK-1	Standard	11.83	2.93E3	2.30E3	
<input checked="" type="checkbox"/>	A7	JB tetK-2	Standard	16.50	1.25E2	2.30E2	
<input checked="" type="checkbox"/>	A8	JB tetK-2	Standard	16.29	1.43E2	2.30E2	
<input checked="" type="checkbox"/>	A9	JB tetK-2	Standard	16.49	1.25E2	2.30E2	
<input checked="" type="checkbox"/>	A10	JB tetK-3	Standard	19.50	1.64E1	2.30E1	
<input checked="" type="checkbox"/>	A11	JB tetK-3	Standard	18.57	3.08E1	2.30E1	
<input checked="" type="checkbox"/>	A12	JB tetK-3	Standard	18.90	2.45E1	2.30E1	
<input checked="" type="checkbox"/>	B1	JB tetK-4	Standard	22.49	2.17E0	2.30E0	
<input checked="" type="checkbox"/>	B2	JB tetK-4	Standard	22.06	2.90E0	2.30E0	
<input checked="" type="checkbox"/>	B3	JB tetK-4	Standard	21.91	3.22E0	2.30E0	
<input checked="" type="checkbox"/>	B4	JB tetK-5	Standard	25.29	2.70E-1	2.30E-1	
<input checked="" type="checkbox"/>	B5	JB tetK-5	Standard	25.61	2.09E-1	2.30E-1	
<input checked="" type="checkbox"/>	B6	JB tetK-5	Standard	25.57	2.15E-1	2.30E-1	
<input checked="" type="checkbox"/>	B7	JB tetK-6	Standard	28.17	2.35E-2	2.30E-2	
<input checked="" type="checkbox"/>	B8	JB tetK-6	Standard	28.55	1.66E-2	2.30E-2	
<input checked="" type="checkbox"/>	B9	JB tetK-6	Standard	28.04	2.65E-2	2.30E-2	
<input checked="" type="checkbox"/>	B10	Trans-1 tetK	Unknown	33.30	1.42E-4		E
<input checked="" type="checkbox"/>	B11	Trans-1 tetK	Unknown	33.62	1.01E-4		E
<input checked="" type="checkbox"/>	B12	Trans-1 tetK	Unknown	33.34	1.36E-4		E
<input checked="" type="checkbox"/>	C1	Trans-1 tetK-1	Unknown	34.77	2.76E-5		E
<input checked="" type="checkbox"/>	C2	Trans-1 tetK-1	Unknown	33.73	8.90E-5		E
<input checked="" type="checkbox"/>	C3	Trans-1 tetK-1	Unknown	36.84	2.39E-6		E
<input checked="" type="checkbox"/>	C4	Trans-2 tetK	Unknown	14.64	4.38E2		
<input checked="" type="checkbox"/>	C5	Trans-2 tetK	Unknown	14.01	6.69E2		
<input checked="" type="checkbox"/>	C6	Trans-2 tetK	Unknown	13.90	7.21E2		
<input checked="" type="checkbox"/>	C7	Trans-2 tetK-1	Unknown	16.98	9.00E1		
<input checked="" type="checkbox"/>	C8	Trans-2 tetK-1	Unknown	16.73	1.06E2		
<input checked="" type="checkbox"/>	C9	Trans-2 tetK-1	Unknown	16.60	1.16E2		
<input checked="" type="checkbox"/>	C10	Negkontrol	Negative Control				
<input checked="" type="checkbox"/>	C11	Negkontrol	Negative Control				
<input checked="" type="checkbox"/>	C12	Negkontrol	Negative Control				
<input checked="" type="checkbox"/>	D1	Sample 37	Unknown	17.46	6.49E1		

E - Extrapolated concentration in standard curve, ? - Detector Call uncertain

**Results**

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	D2	Sample 38	Unknown				
<input checked="" type="checkbox"/>	D3	Sample 39	Unknown				
<input checked="" type="checkbox"/>	D4	Sample 40	Unknown	32.54	3.22E-4		E
<input checked="" type="checkbox"/>	D5	Sample 41	Unknown				
<input checked="" type="checkbox"/>	D6	Sample 42	Unknown				
<input checked="" type="checkbox"/>	D7	Sample 43	Unknown	17.28	7.34E1		
<input checked="" type="checkbox"/>	D8	Sample 44	Unknown				
<input checked="" type="checkbox"/>	D9	Sample 45	Unknown				
<input checked="" type="checkbox"/>	D10	Sample 46	Unknown	26.50	1.01E-1		
<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	35.32	1.47E-5		E
<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	18.07	4.31E1		
<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				

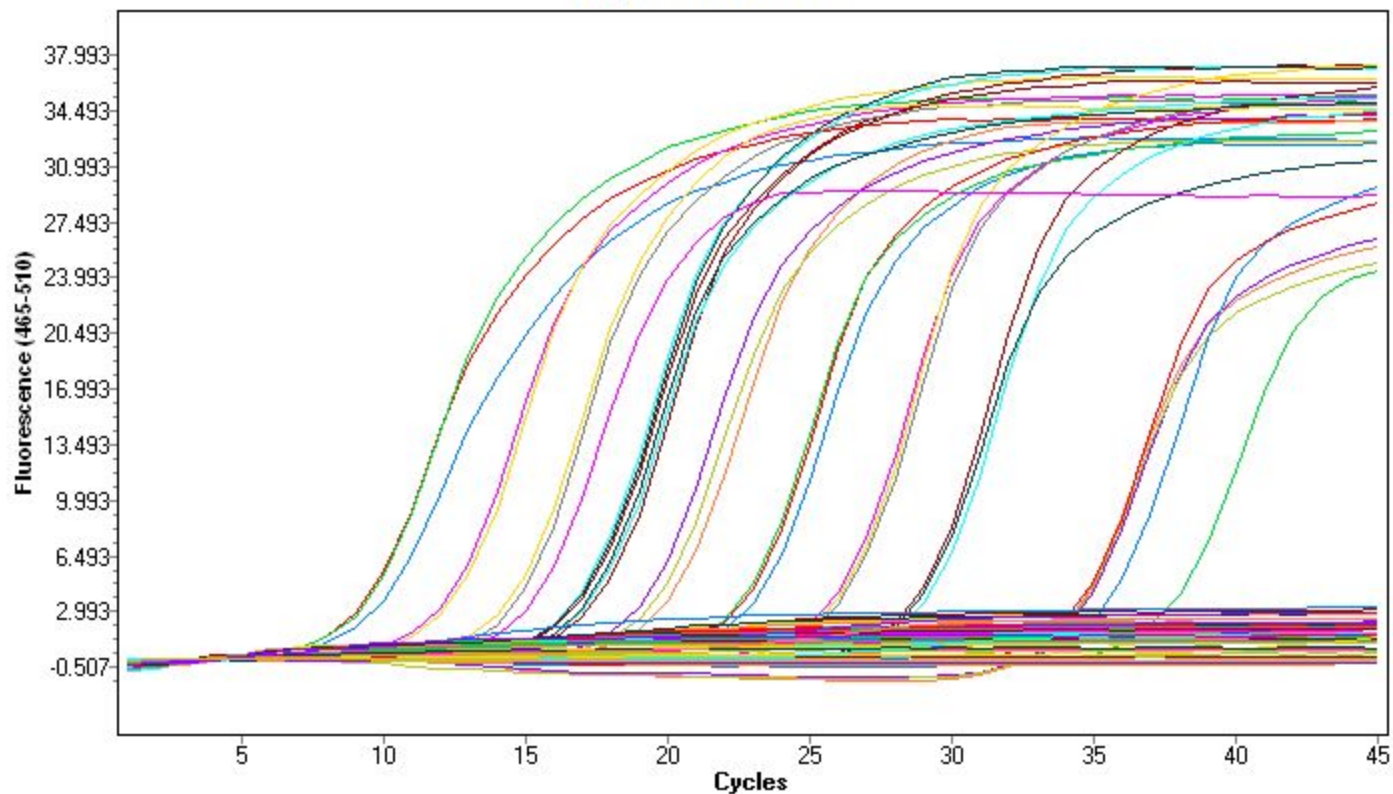
E - Extrapolated concentration in standard curve, ? - Detector Call uncertain

**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	22.27	2.52E0		
<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	38.66	2.45E-7		?, E
<input checked="" type="checkbox"/>	H7	Sample 91	Unknown				
<input checked="" type="checkbox"/>	H8	Sample 92	Unknown	24.86	3.77E-1		
<input checked="" type="checkbox"/>	H9	Sample 93	Unknown				
<input checked="" type="checkbox"/>	H10	Sample 94	Unknown	22.12	2.80E0		
<input checked="" type="checkbox"/>	H11	Sample 95	Unknown				
<input checked="" type="checkbox"/>	H12	Sample 96	Unknown				

E - Extrapolated concentration in standard curve, ? - Detector Call uncertain

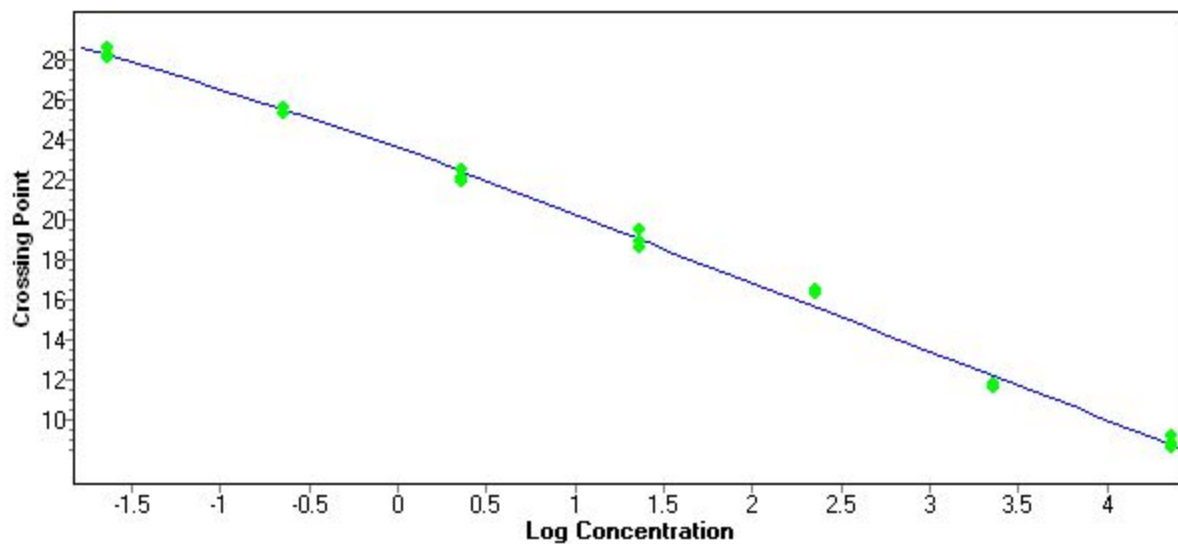
### Amplification Curves



### Standard Curve

— Std. curve    ● Samples

Error: 0.0455  
Efficiency: 1.966  
Slope: -3.407  
YIntercept: 23.64  
Link: 2.902



### Analysis Notes