



Quantitation Report

Experiment Information

Run Name	Run 2021-12-15-sk4-6
Run Start	15.12.2021 13:53:27
Run Finish	15.12.2021 15:40:16
Operator	MP
Notes	
Run On Software Version	Rotor-Gene Q Software 2.0.2.4
Run Signature	The Run Signature is valid.
Gain Green	10,
Machine Serial No.	0911113

Quantitation Information

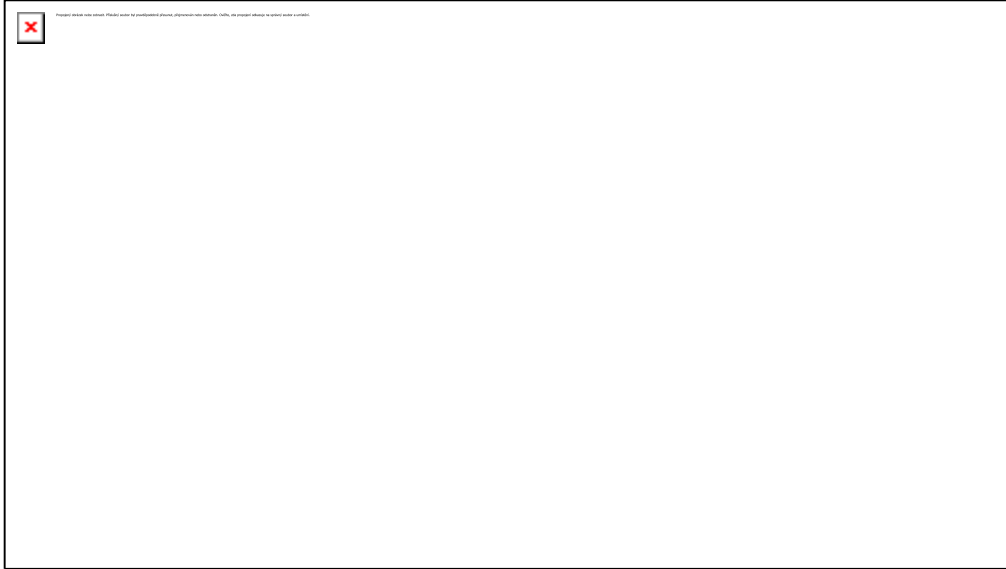
Threshold	0,030
Left Threshold	5,000
Standard Curve Imported	No
Standard Curve (1)	$\text{conc} = 10^{(-0,388 \cdot \text{CT} + 11,439)}$
Standard Curve (2)	$\text{CT} = -2,577 \cdot \log(\text{conc}) + 29,483$
Reaction efficiency (*)	$(* = 10^{(-1/m)} - 1) 1,44341$
M	-2,57735
B	29,48282
R Value	0,99662
R ² Value	0,99324
Start normalising from cycle	1
Noise Slope Correction	Yes
No Template Control Threshold	% 0
Reaction Efficiency Threshold	Disabled
Normalisation Method	Dynamic Tube Normalisation
Digital Filter	Light
Sample Page	Page 2
Imported Analysis Settings	

Profile

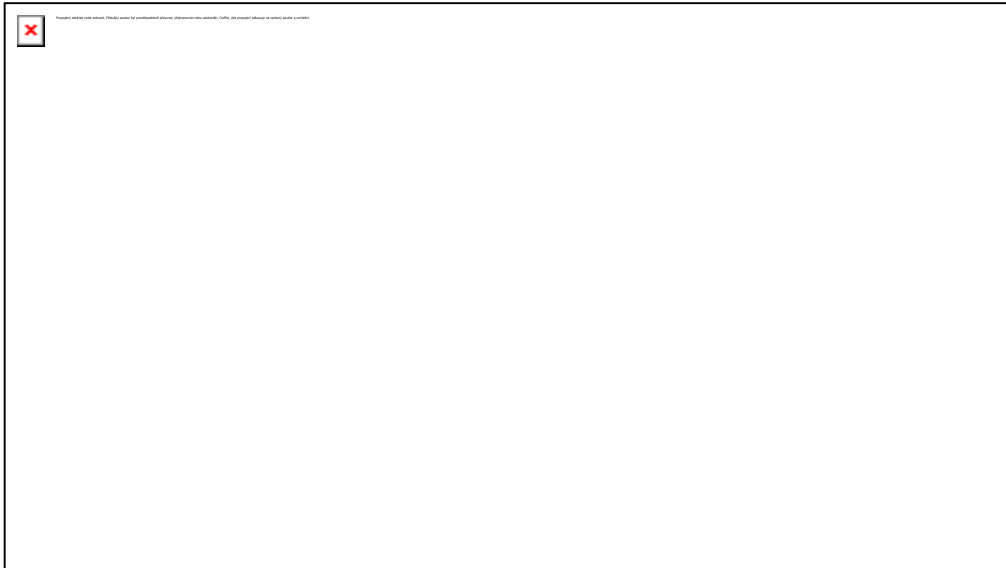
Cycle	Cycle Point
Hold 1	Hold @ 95°C, 10min 0s
Cycling (40 repeats)	Step 1: Hold @ 95°C, 15s
	Step 2: Hold @ 60°C, 30s, acquiring to Cycling A([Green][1][1])
	Step 3: Hold @ 72°C, 20s

Hold 2	Hold @ 72°C, 1min 0s
Melt	Ramp from 55°C to 90°C
	Hold for 90s on the 1st step
	Hold for 5s on next steps, Melt A([Green][1][1])

Raw Data For Cycling A.Green



Quantitation data for Cycling A.Green



Standard Curve



No.	Color	Name	Type	Ct	Ct Comment	Given Conc (IU/ml)	Calc Conc (IU/ml)
1		T6 1 1X	Standard	19,08		10 000	10 851
2		T6 1 1X	Standard	18,96		10 000	12 124
3		T6 1 10x	Standard	21,86		1 000	909
5		T6 1 100x	Standard	24,96		100	57
8		T6 1 1000x	Standard	26,55		10	14
9		T6 1 10000x	Standard	29,41		1	1
11		1 NK	Unknown	26,99			9
12		1 NK	Unknown	24,67			74
13		D6 1 ACO1	Unknown	15,83			197 476
14		D6 1 ACO1	Unknown	15,39			294 410
15		D6 1 ACO1	Unknown	15,43			284 467
16		B6 1 ACO1	Unknown	14,86			472 050
17		B6 1 ACO1	Unknown	14,91			449 627
18		B6 1 ACO1	Unknown	14,82			489 248
19		1 NK	Unknown	28,58			2
20		1 NK	Unknown	30,22			1

Warning: The following samples were not analysed :

4T6 1 10x- 6T6 1 100x- 7T6 1 1000x- 10T6 1 10000x- 21T6 1 1X- 22T6 1 1X- 23T6 1 10x- 24T6 1 10x- 25T6 1 100x- 26T6 1 100x- 27T6 1 1000x- 28T6 1 1000x- 29T6 1 10000x- 30T6 1 10000x- 311 NK- 321 NK- 33D6 1 ACO3- 34D6 1 ACO3- 35D6 1 ACO3- 36B6 1 ACO3- 37B6 1 ACO3- 38B6 1 ACO3- 391 NK- 401 NK- 41T6 1 1X- 42T6 1 1X- 43T6 1 10x- 44T6 1 10x- 45T6 1 100x- 46T6 1 100x- 47T6 1 1000x- 48T6 1 1000x- 49T6 1 10000x- 50T6 1 10000x- 511 NK- 521 NK- 53D6 1 ACO3- 54D6 1 ACO3- 55D6 1 ACO3- 56B6 1 ACO3- 57B6 1 ACO3- 58B6 1 ACO3- 591 NK- 601 NK

Legend:

NEG (NTC) - Sample cancelled due to NTC Threshold.

NEG (R. Eff) - Sample cancelled as efficiency less than reaction efficiency threshold.