

Quantitation Report

Experiment Information

Run Name	Quantificazione campione I_2013-10-10
Run Start	10/10/2013 17:57:29
Run Finish	10/10/2013 18:50:09
Operator	Barni
Notes	
Run On Software Version	Rotor-Gene 2.1.0.9
Run Signature	The Run Signature is valid.
Gain Green	10.
Gain Yellow	6.67
Gain Red	6.67

Quantitation Information

Threshold	0.0553
Left Threshold	1.000
Standard Curve Imported	No
Standard Curve (1)	$\text{conc} = 10^{(-0.301 \cdot \text{CT} + 6.730)}$
Standard Curve (2)	$\text{CT} = -3.327 \cdot \log(\text{conc}) + 22.394$
Reaction efficiency (*)	$(* = 10^{(-1/m)} - 1) 0.99774$
M	-3.32735
B	22.39391
R Value	0.99941
R^2 Value	0.99882
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	Human
Imported Analysis Settings	

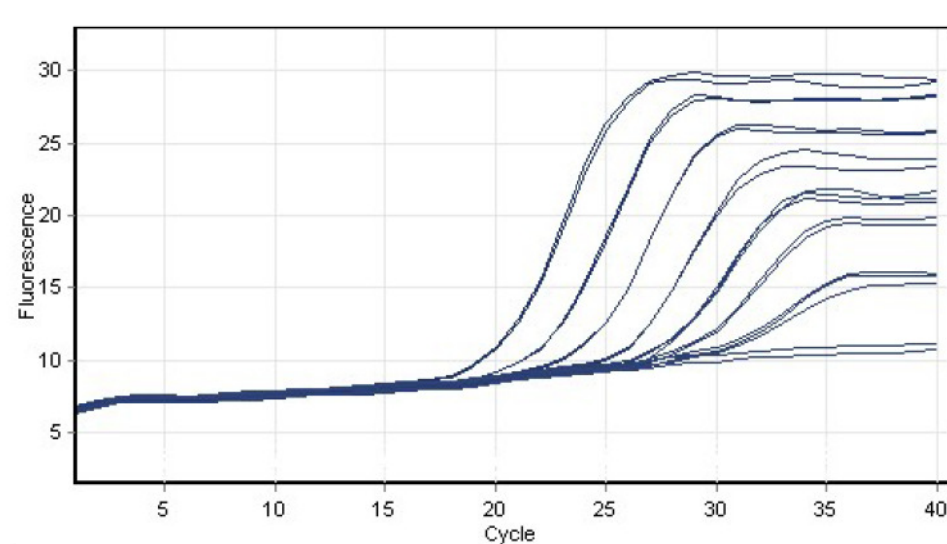
Messages

Message

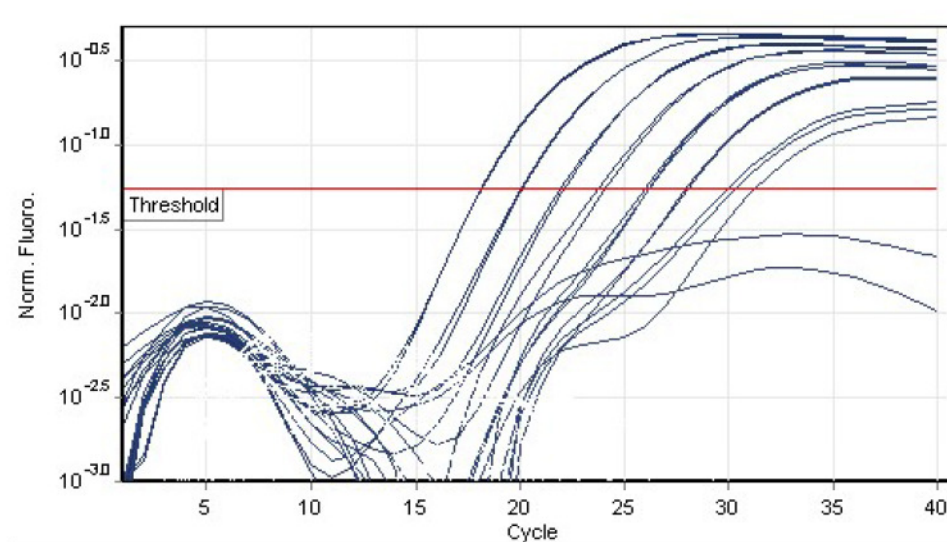
Profile

Cycle	Cycle Point
min secs Hold@95°,10	
(repeats) Cycling 40	Step 1@95°, hold5secs
	Step 2@60°, hold10secs, acquiring toCycling A([Green][1][1],[Red][4][7],[Yellow][2][2])

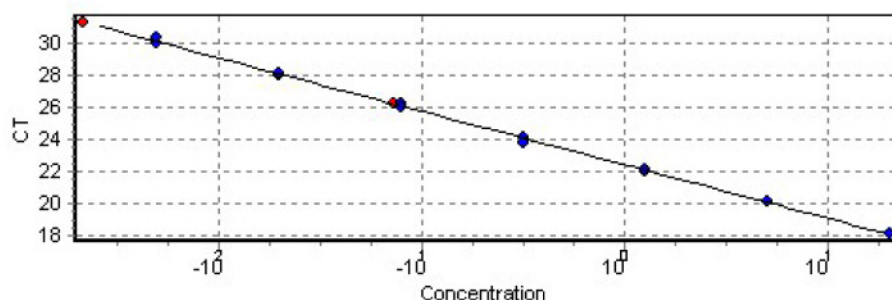
Raw Data For Cycling A.Green



Quantitation data for Cycling A.Green



Standard Curve



No	Color	Name	Type	Ct	Ct Comment	Given Conc (ng/ul)	Calc Conc (ng/ul)
1	■	Control DNA Z1 20ng/μl	Standard	18.16		20.0000000000	18.6791463433
2	■	Control DNA Z1 20ng/μl	Standard	18.11		20.0000000000	19.3445748165
3	■	Control DNA Z1 5ng/μl	Standard	20.06		5.0000000000	5.0204116512
4	■	Control DNA Z1 5ng/μl	Standard	20.11		5.0000000000	4.8597089366
5	■	Control DNA Z1 1,25ng/μl	Standard	21.98		1.2500000000	1.3314014968
6	■	Control DNA Z1 1,25ng/μl	Standard	22.11		1.2500000000	1.2138288154
7	■	Control DNA Z1 0,3125ng/μl	Standard	24.09		.3125000000	.3101921095
8	■	Control DNA Z1 0,3125ng/μl	Standard	23.76		.3125000000	.3887227797
9	■	Control DNA Z1 0,078125ng/μl	Standard	26.23		.0781250000	.0703167831
10	■	Control DNA Z1 0,078125ng/μl	Standard	26.00		.0781250000	.0821775777
11	■	Control DNA Z1 0,01953125ng/μl	Standard	27.97		.0195312500	.0210826745
12	■	Control DNA Z1 0,01953125ng/μl	Standard	28.09		.0195312500	.0194798989
13	■	Control DNA Z1 0,0048828125ng/μl	Standard	29.98		.0048828130	.0052453422
14	■	Control DNA Z1 0,0048828125ng/μl	Standard	30.39		.0048828130	.0039609450
15	■	NTC	NTC				
16	■	NTC	NTC				
17	■	traccia I	Unknown	31.28			.0021417919
18	■	007	Unknown	26.20			.0718092337

NEG (NTC) - Sample cancelled due to NTC Threshold. NEG (R. Eff) - Sample cancelled as efficiency less than reaction efficiency threshold. **Legend:**

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Run Signature	The Run Signature is valid.
Gain Green	10.
Gain Yellow	6.67
Gain Red	6.67

Quantitation Information

Threshold	0.0244
Left Threshold	1.000
Standard Curve Imported	No
Standard Curve (1)	$\text{conc} = 10^{(-0.301 \cdot \text{CT} + 6.498)}$
Standard Curve (2)	$\text{CT} = -3.323 \cdot \log(\text{conc}) + 21.593$
Reaction efficiency (*)	$(* = 10^{(-1/m)} - 1) 0.9995$
M	-3.32312
B	21.59321
R Value	0.99941
R^2 Value	0.99883
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	Male
Imported Analysis Settings	

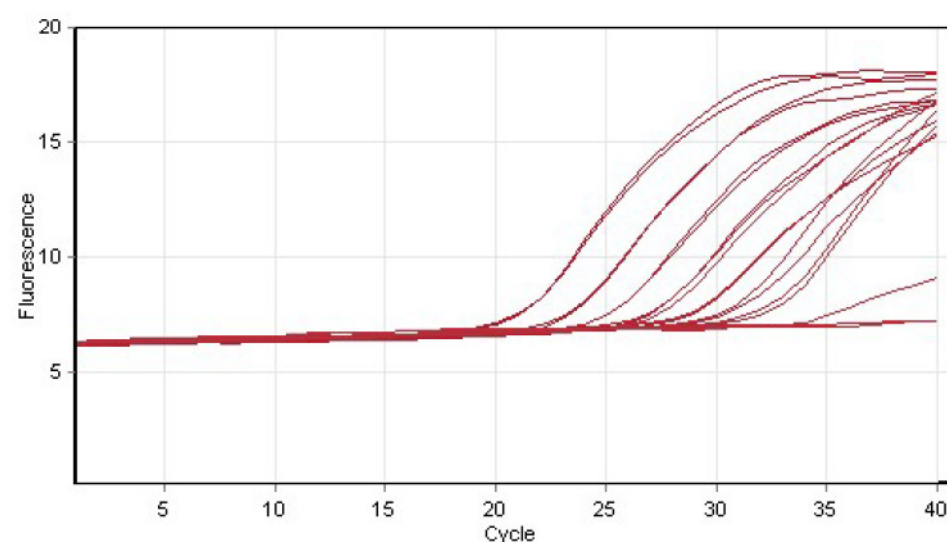
Messages

Message

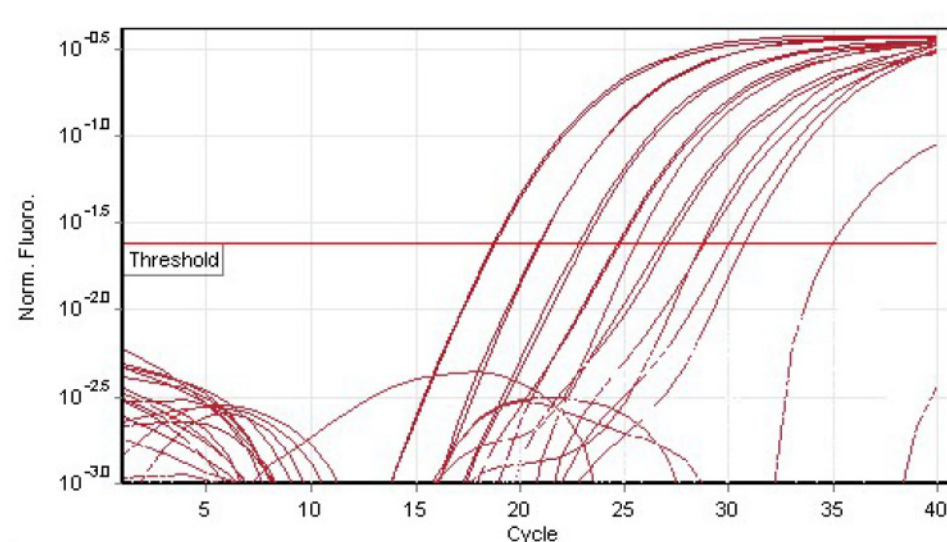
Profile

Cycle	Cycle Point
min secs Hold@95°,10	
(repeats) Cycling 40	Step 1@95°, hold5secs
	Step 2@60°, hold10secs, acquiring toCycling A([Green][1][1],[Red][4][7],[Yellow][2][2])

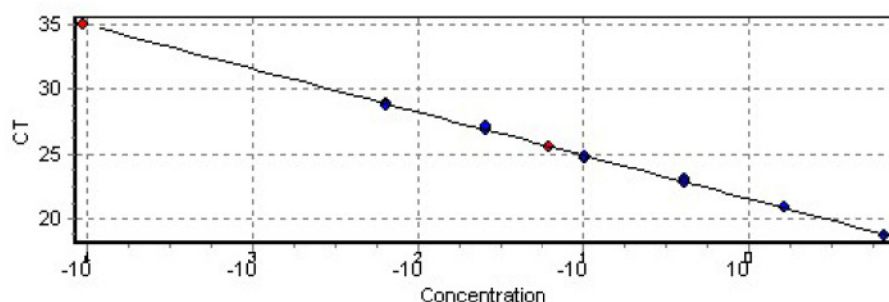
Raw Data For Cycling A.Red



Quantitation data for Cycling A.Red



Standard Curve



No	Colour	Name	Type	Ct	Ct Comment	Given Conc (ng/ul)	Calc Conc (ng/ul)
1	■	Control DNA Z1 20ng/ul	Standard	18.82		6.6600000000	6.8397734253
2	■	Control DNA Z1 20ng/ul	Standard	18.75		6.6600000000	7.1571500146
3	■	Control DNA Z1 5ng/ul	Standard	20.95		1.6650000000	1.5590991087
4	■	Control DNA Z1 5ng/ul	Standard	20.91		1.6650000000	1.6100585998
5	■	Control DNA Z1 1,25ng/ul	Standard	23.05		.4162500000	.3642925715
6	■	Control DNA Z1 1,25ng/ul	Standard	22.81		.4162500000	.4317474634
7	■	Control DNA Z1 0,3125ng/ul	Standard	24.70		.1040625000	.1165421777
8	■	Control DNA Z1 0,3125ng/ul	Standard	24.79		.1040625000	.1091915565
9	■	Control DNA Z1 0,078125ng/ul	Standard	26.81		.0260156250	.0269737274
10	■	Control DNA Z1 0,078125ng/ul	Standard	27.10		.0260156250	.0220663628
11	■	Control DNA Z1 0,01953125ng/ul	Standard	28.87		.0065039060	.0064684373
12	■	Control DNA Z1 0,01953125ng/ul	Standard	28.76		.0065039060	.0069754198
15	■	NTC	NTC				
16	■	NTC	NTC				
17	■	Traccia I	Unknown	34.95			.0000956398
18	■	007	Unknown	25.57			.0633851142

Warning: The following samples were not analysed :

13Control DNA Z1 0,0048828125ng/ul- 14Control DNA Z1 0,0048828125ng/ul

NEG (NTC) - Sample cancelled due to NTC Threshold. NEG (R. Eff) - Sample cancelled as efficiency less than reaction efficiency threshold. **Legend:**

ISO 9001:2000 (Reg. No. QEC21313)



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Run Signature	The Run Signature is valid.
Gain Green	10.
Gain Yellow	6.67
Gain Red	6.67

Quantitation Information

Threshold	0.050
Left Threshold	1.000
Standard Curve Imported	No
Standard Curve (1)	N/A
Standard Curve (2)	N/A
Start normalising from cycle	16
Noise Slope Correction	No
No Template Control Threshold	% 0
Reaction Efficiency Threshold	Disabled
Normalisation Method	Dynamic Tube Normalisation
Digital Filter	Light
Sample Page	IC
Imported Analysis Settings	Investigator Quantiplex Kit Analysis Settings for the Yellow Channel

Messages

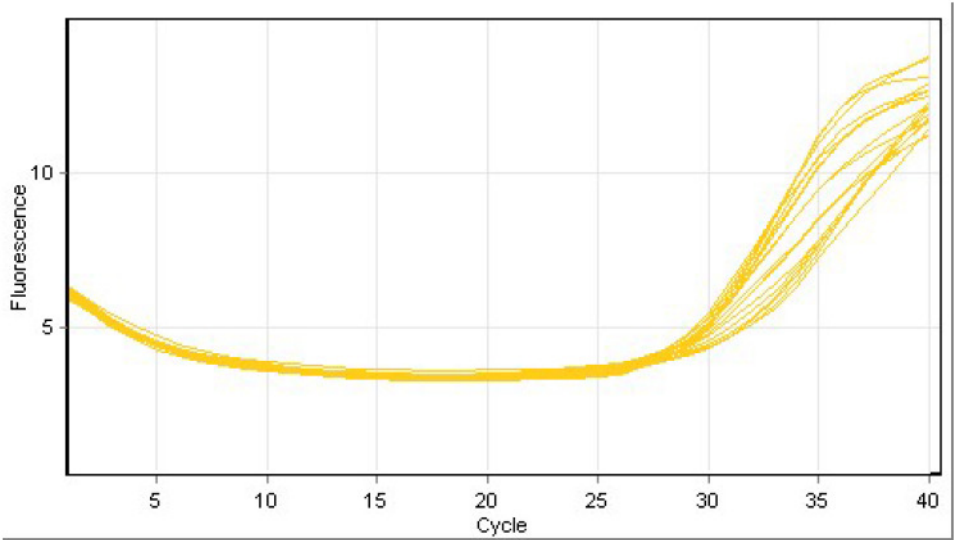
Message

Profile

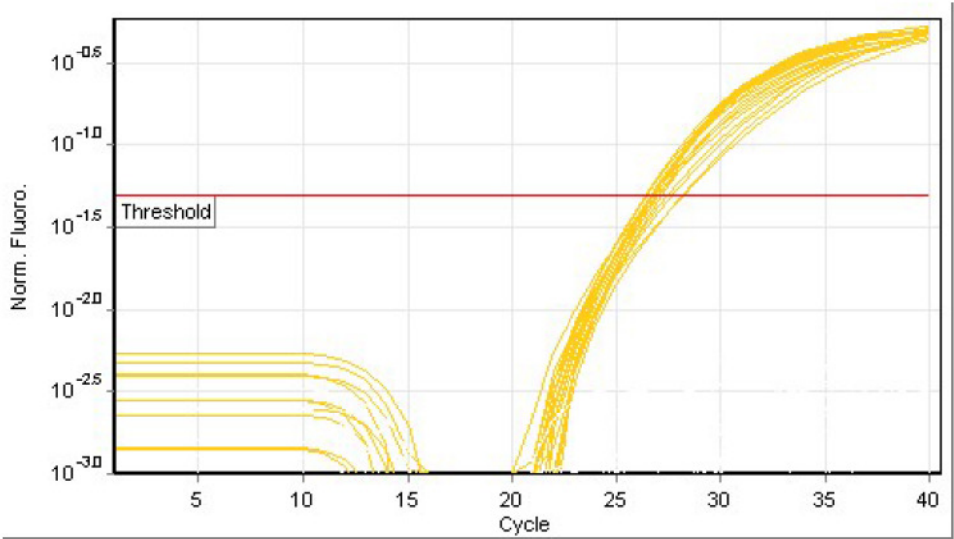
Cycle	Cycle Point
min secs Hold@95°, 10	
(repeats) Cycling 40	Step 1@95°, hold5secs

	Step 2@60°, hold10secs, acquiring toCycling A([Green][1][1],[Red][4][7],[Yellow][2][2])
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Raw Data For Cycling A.Yellow

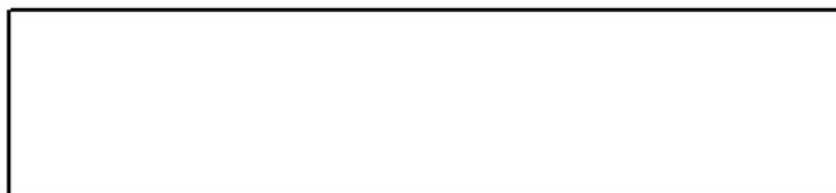


Quantitation data for Cycling A.Yellow



Standard Curve

Ct



Concentration

No	Color	Name	Type	Ct	Ct Comment	Given Conc (ng/ul)	Calc Conc (ng/ul)
1	■	Control DNA Z1 20ng/μl	Unknown	28.26			
2	■	Control DNA Z1 20ng/μl	Unknown	28.19			
3	■	Control DNA Z1 5ng/μl	Unknown	27.47			
4	■	Control DNA Z1 5ng/μl	Unknown	27.71			
5	■	Control DNA Z1 1,25ng/μl	Unknown	27.01			
6	■	Control DNA Z1 1,25ng/μl	Unknown	26.77			
7	■	Control DNA Z1 0,3125ng/μl	Unknown	27.18			
8	■	Control DNA Z1 0,3125ng/μl	Unknown	26.67			
9	■	Control DNA Z1 0,078125ng/μl	Unknown	26.78			
10	■	Control DNA Z1 0,078125ng/μl	Unknown	26.73			
11	■	Control DNA Z1 0,01953125ng/μl	Unknown	26.68			
12	■	Control DNA Z1 0,01953125ng/μl	Unknown	26.73			
13	■	Control DNA Z1 0,0048828125ng/μl	Unknown	26.80			
14	■	Control DNA Z1 0,0048828125ng/μl	Unknown	26.91			
15	■	NTC	Unknown	26.47			
16	■	NTC	Unknown	26.67			
17	■	Traccia I	Unknown	26.41			
18	■	007	Unknown	27.03			

NEG (NTC) - Sample cancelled due to NTC Threshold. NEG (R. Eff) - Sample cancelled as efficiency less than reaction efficiency threshold. **Legend:**

This report generated by Rotor-Gene Q Series Software 2.1.0 (Build 9)
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