



Quantitation Report

Experiment Information

Run Name	HBV QUANT HUWEL 2024-05-11 VALIDATION
Run Start	5/11/2024 3:51:02 PM
Run Finish	5/11/2024 4:53:35 PM
Operator	
Notes	
Run On Software Version	Rotor-Gene Q Software 2.3.5.1
Run Signature	The Run Signature is valid.
Gain Green	2.67
Gain Orange	9.33
Machine Serial No.	0416111

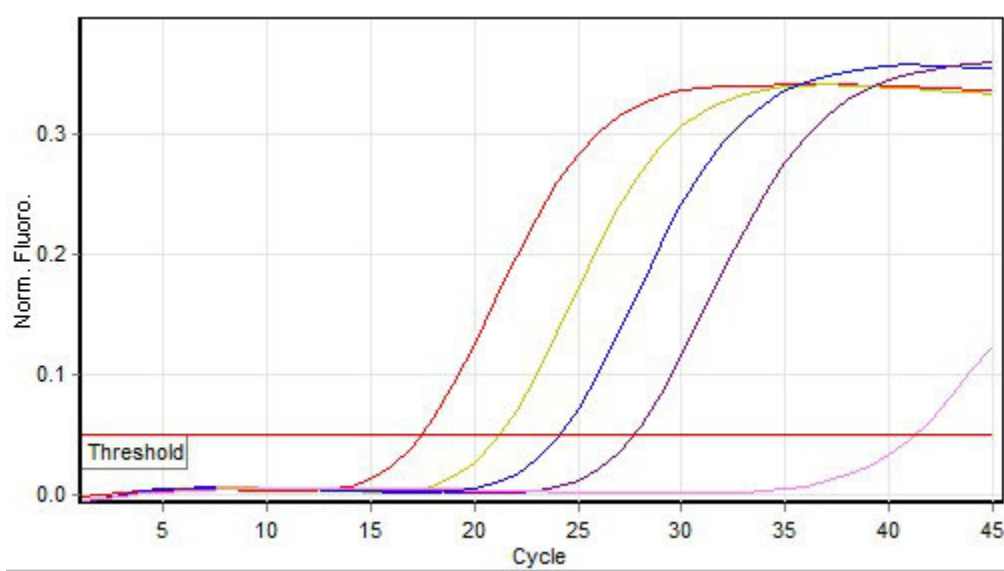
Quantitation Information

Threshold	0.050
Left Threshold	1.000
Standard Curve Imported	No
Standard Curve (1)	conc= $10^{(-0.297*CT + 10.231)}$
Standard Curve (2)	CT = $-3.365*\log(\text{conc}) + 34.427$
Reaction efficiency (*)	(* = $10^{(-1/m)} - 1$) 0.98238
M	-3.36489
B	34.4269
R Value	0.999
R^2 Value	0.99801
Start normalising from cycle	1
Noise Slope Correction	Yes
No Template Control Threshold	% 20
Reaction Efficiency Threshold	Disabled
Normalisation Method	Dynamic Tube Normalisation

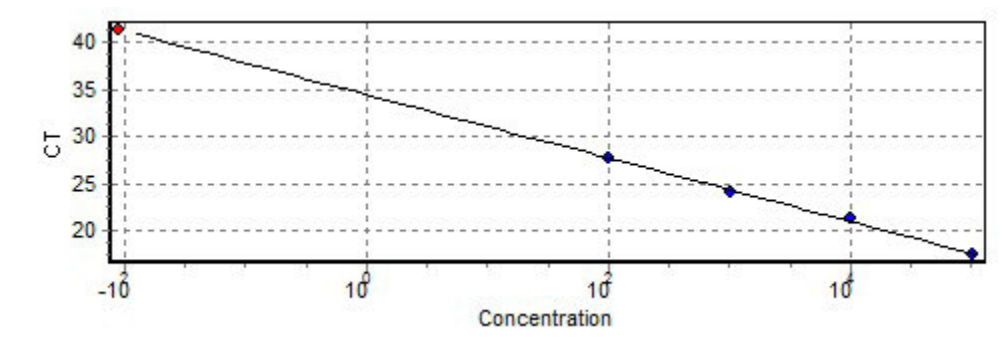
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Digital Filter	Medium
Sample Page	Page 1
Imported Analysis Settings	

Quantitation data for Cycling A.Green





Standard Curve



No.	Color	Name	Type	Ct	Ct Comment	Given Conc (copies/ml)	Calc Conc (copies/ml)
1	Red	STD1	Standard	17.49		100,000.00	107,830.69
2	Yellow	STD 2	Standard	21.22		10,000.00	8,388.24
3	Blue	STD3	Standard	24.15		1,000.00	1,133.52

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No.	Color	Name	Type	Ct	Ct Comment	Given Conc (copies/ml)	Calc Conc (copies/ml)
4		STD 4	Standard	27.73		100.00	97.53
5		HBV 620 10249678	Unknown	41.33			.01

Legend:

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

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

This report was generated by Rotor-Gene Q Series Software 2.3.5 (Build 1)
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