

PCR Kit Quality Control Certificate

Pathogen
<i>Lumpy skin virus</i>

Table 1: Concentration in ng/μL of the sample control and its dilutions.

	1	2	3	4	5	6	7	8
	1×10^{-1}	1×10^{-2}	1×10^{-3}	1×10^{-4}	1×10^{-5}	1×10^{-6}	1×10^{-7}	1×10^{-8}
N° of copies	1×10^8	1×10^7	1×10^6	1×10^5	1×10^4	1×10^3	1×10^2	1×10^1

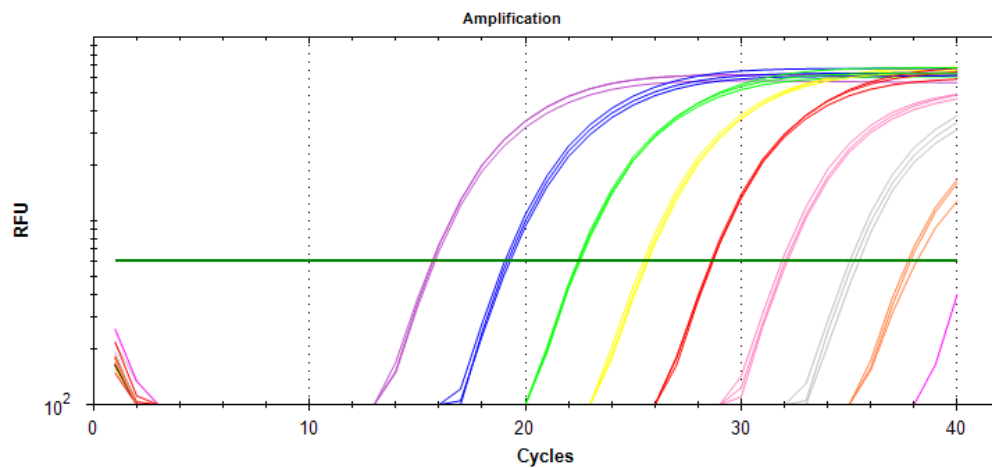


Figure 1: Logarithmic amplification curves for Lumpy skin virus

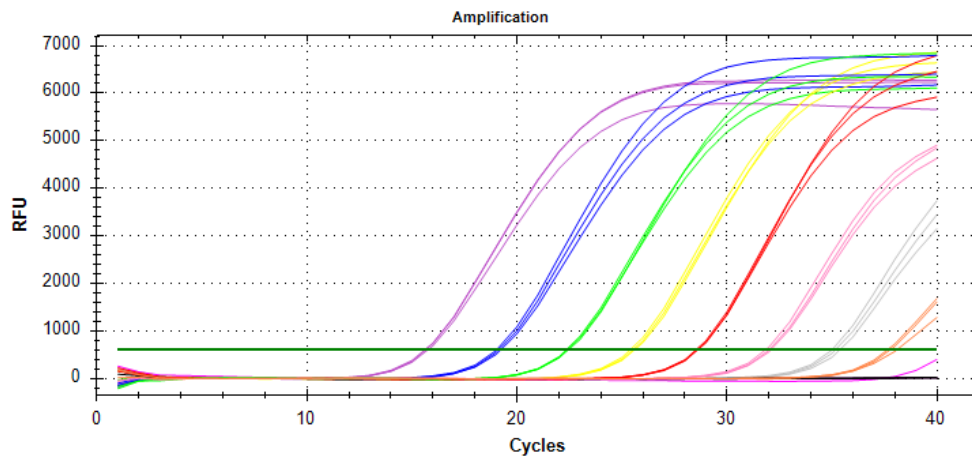


Figure 2: Standard amplification curves for Lumpy skin virus

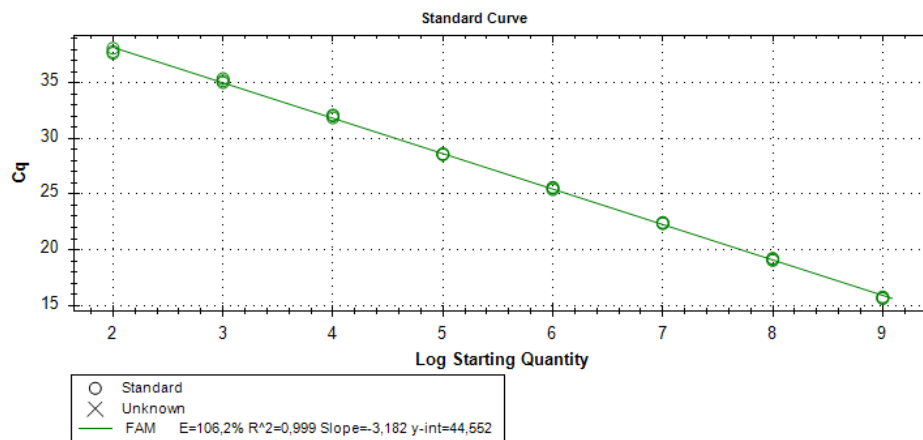


Figure 3: Standard curve for Lumpy skin virus

Summary of Ct values

Table 2: Ct values obtained for each dilution of the sample control.

Target Name	Sample Name	Reporter	Ct values
<i>Lumpy skin virus</i>	1	FAM	15,78
	2	FAM	19,24
	3	FAM	22,46
	4	FAM	25,61
	5	FAM	28,61
	6	FAM	32,11
	7	FAM	35,18
	8	FAM	37,8
	Negative Control	FAM	Undetermined

Certificate validated by:

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