

PCR Kit Quality Control Certificate

Pathogen
<i>Dobrava-Belgrade virus (Master Mix DOBV & SEOV)</i>

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

	1	2	3	4	5	6	7	8	9
	1×10^{-1}	1×10^{-2}	1×10^{-3}	1×10^{-4}	1×10^{-5}	1×10^{-6}	1×10^{-7}	1×10^{-8}	1×10^{-9}
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	1×10^0

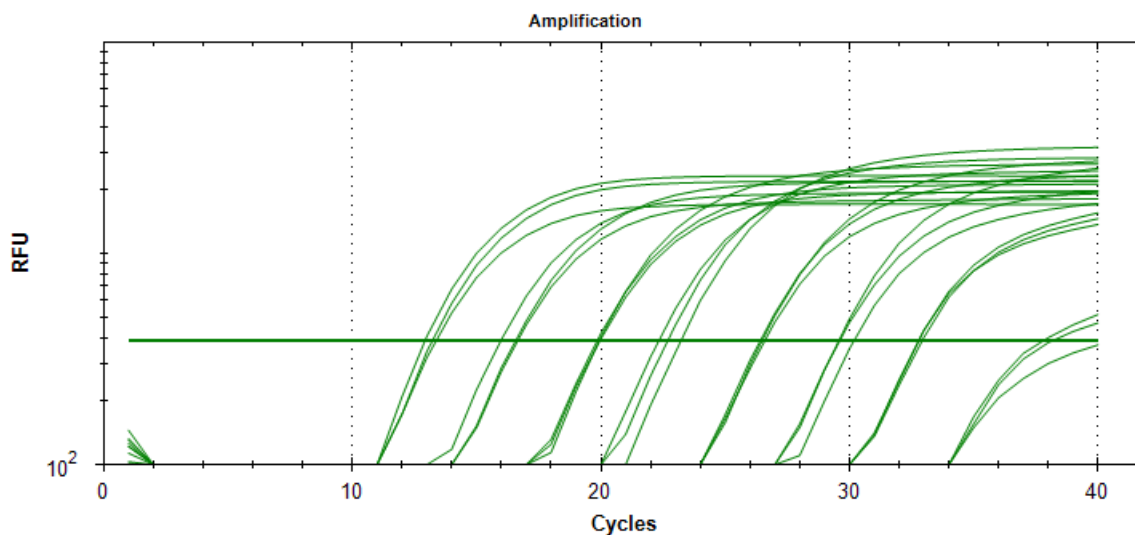


Figure 2: Logarithmic amplification curves for Dobrava-Belgrade virus

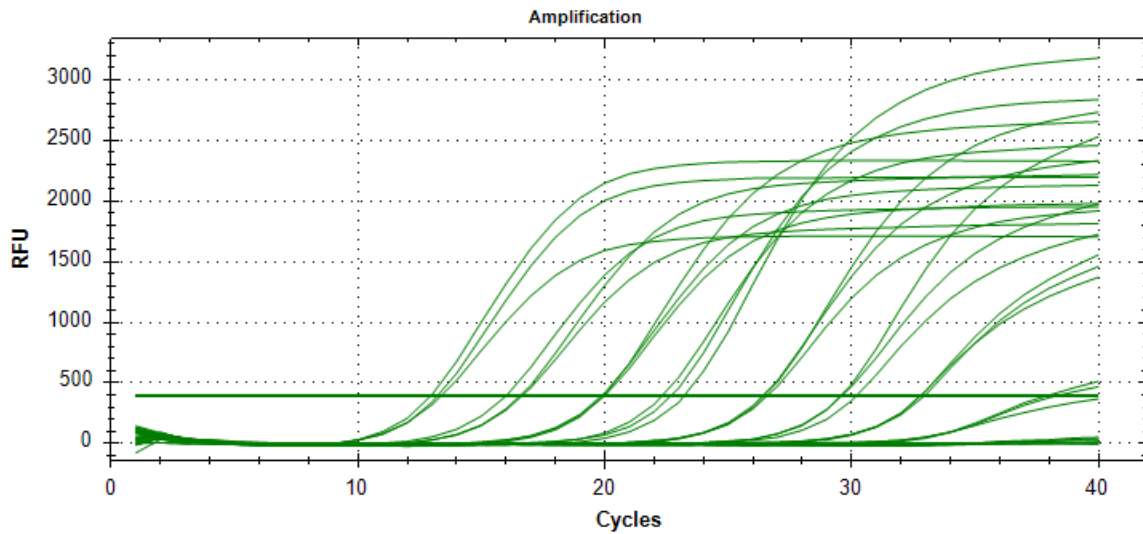


Figure 3: Standard amplification curves for Dobrava-Belgrade virus

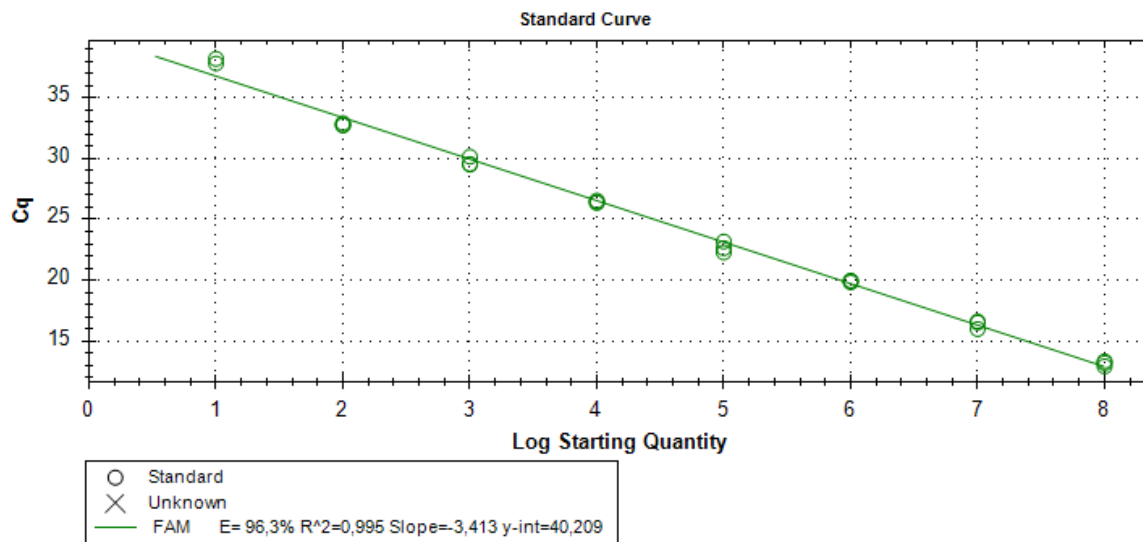


Figure 4: Standard curve for Dobrava-Belgrade virus

Pathogen
<i>Seoul virus (Master Mix DOBV & SEOV)</i>

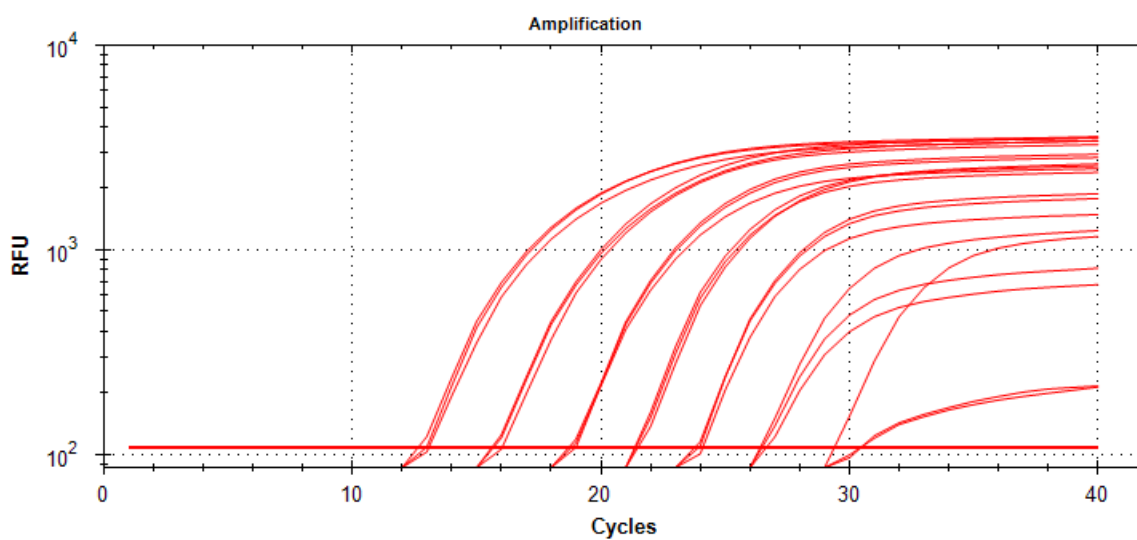


Figure 11: Logarithmic amplification curves for Seoul virus

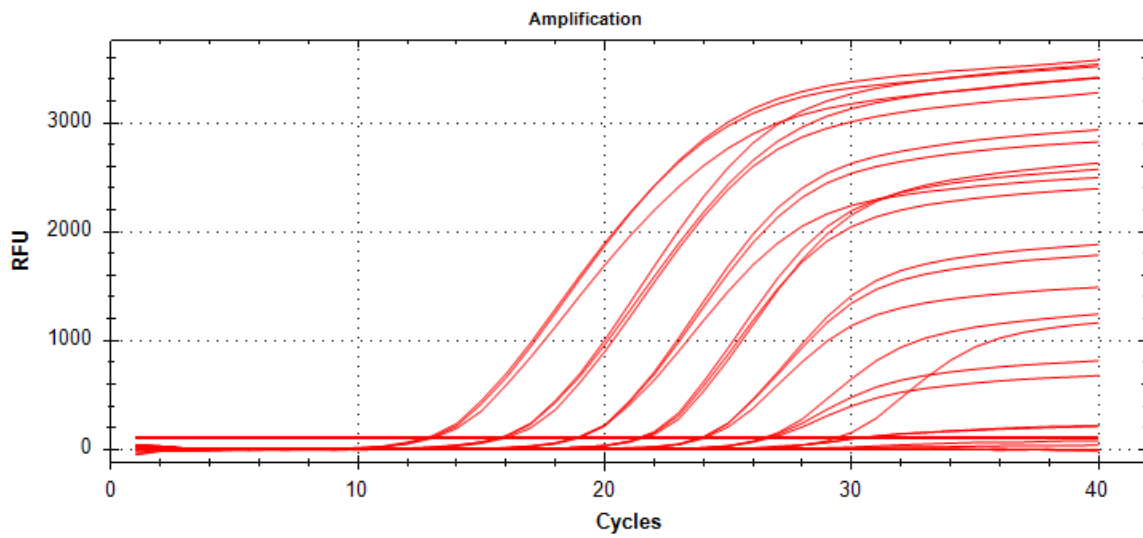


Figure 12: Standard amplification curves for Seoul virus

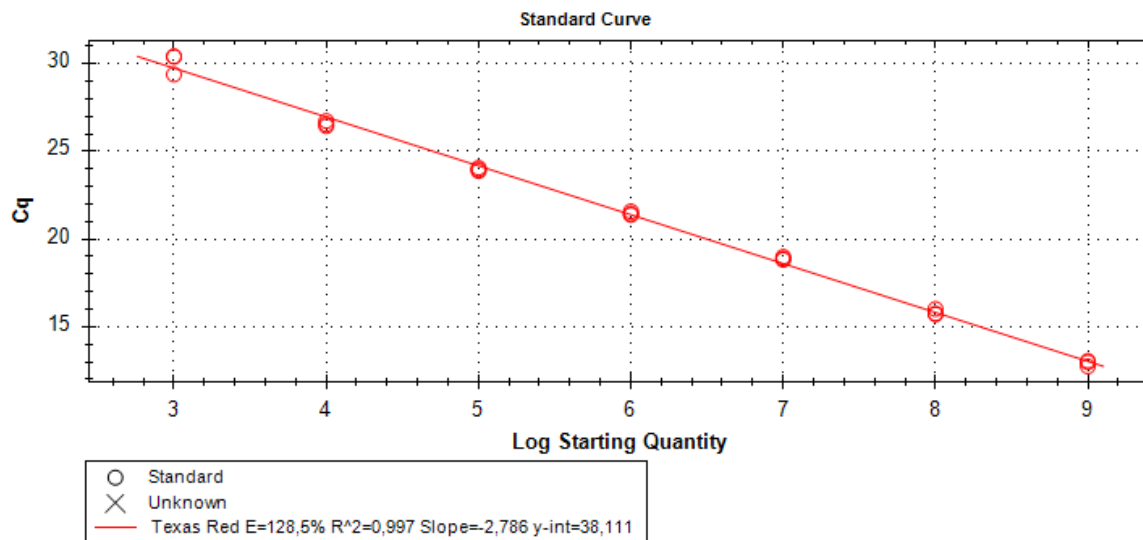


Figure 13: Standard curve for Seoul virus

Summary of Ct values

The following table details the Ct values obtained for each sample and fluorophore of each kit of the order.

Target Name	Sample Name	Reporter	Ct values
<i>Dobrava-Belgrade virus</i>	1	FAM	13,34
	2	FAM	16,53
	3	FAM	19,83
	4	FAM	23,19
	5	FAM	26,44
	6	FAM	30,17
	7	FAM	32,75
	8	FAM	37,84
	Negative Control	FAM	Undetermined

<i>Seoul virus</i>	1	ROX	13,05
	2	ROX	16,02
	3	ROX	18,82
	4	ROX	21,58
	5	ROX	24,07
	6	ROX	26,74
	7	ROX	30,42
	8	ROX	-
	Negative Control	ROX	Undetermined

Pathogen
<i>Hantaan virus (Master Mix HTNV & PUUV)</i>

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

	1	2	3	4	5	6	7	8	9
	1×10^{-1}	1×10^{-2}	1×10^{-3}	1×10^{-4}	1×10^{-5}	1×10^{-6}	1×10^{-7}	1×10^{-8}	1×10^{-9}
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	1×10^0

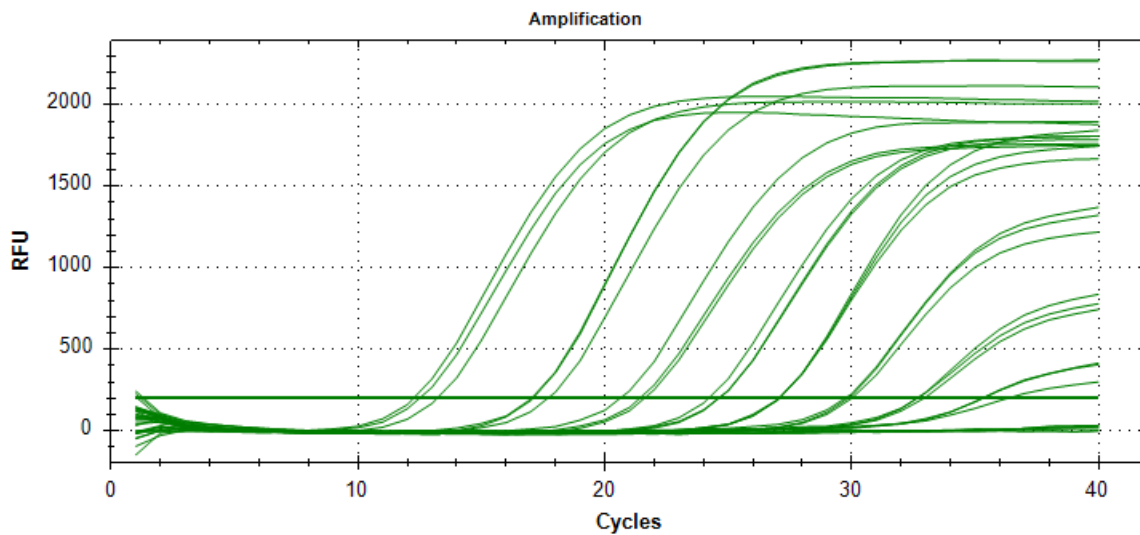


Figure 2: Logarithmic amplification curves for Hantaan virus

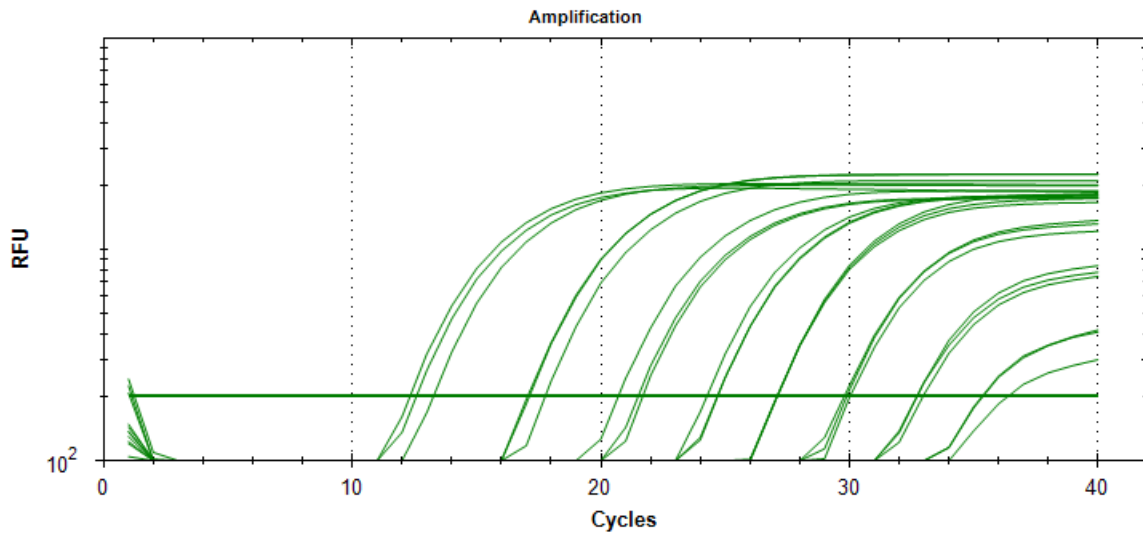


Figure 3: Standard amplification curves for Hantaan virus

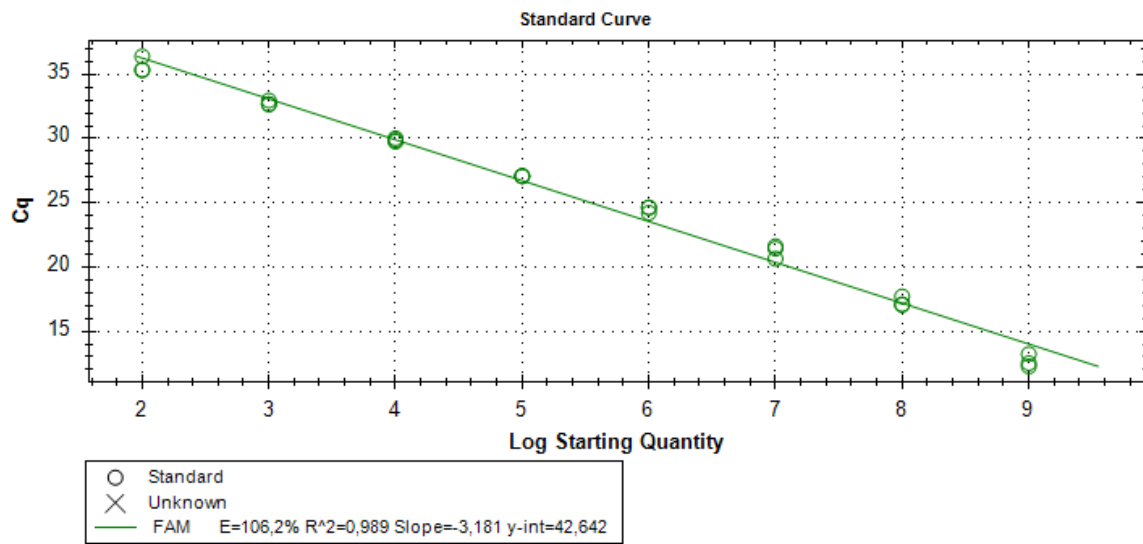


Figure 4: Standard curve for Hantaan virus

Pathogen
<i>Puumala virus (Master Mix HTNV & PUUV)</i>

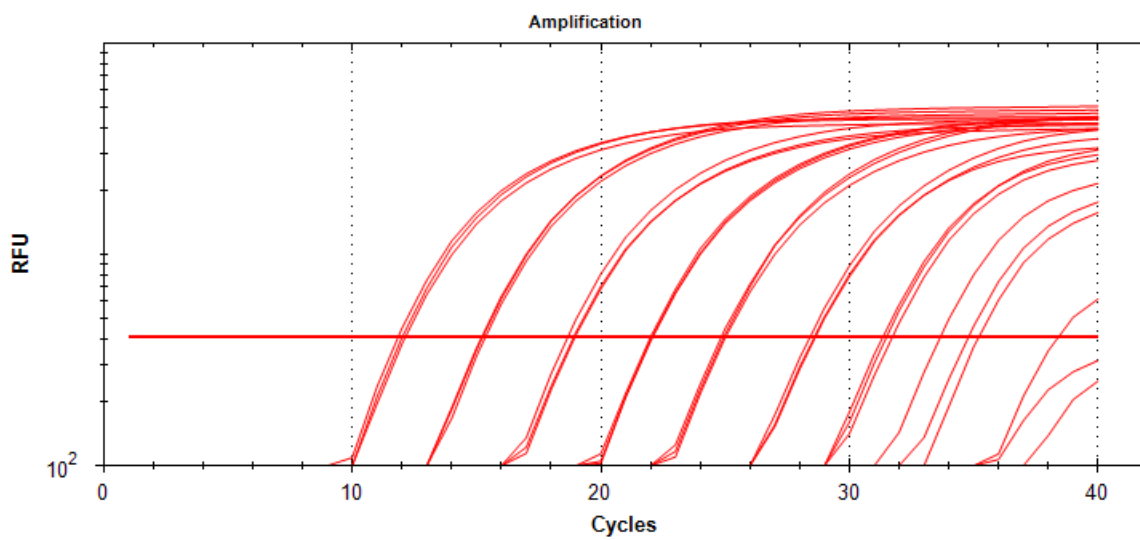


Figure 11: Logarithmic amplification curves for Puumala virus

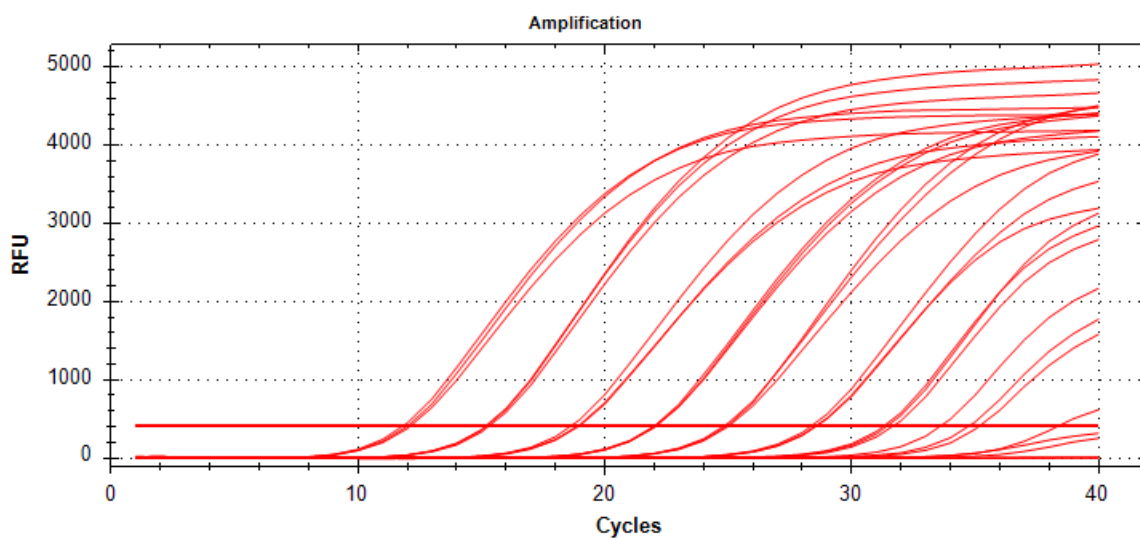


Figure 12: Standard amplification curves for Puumala virus

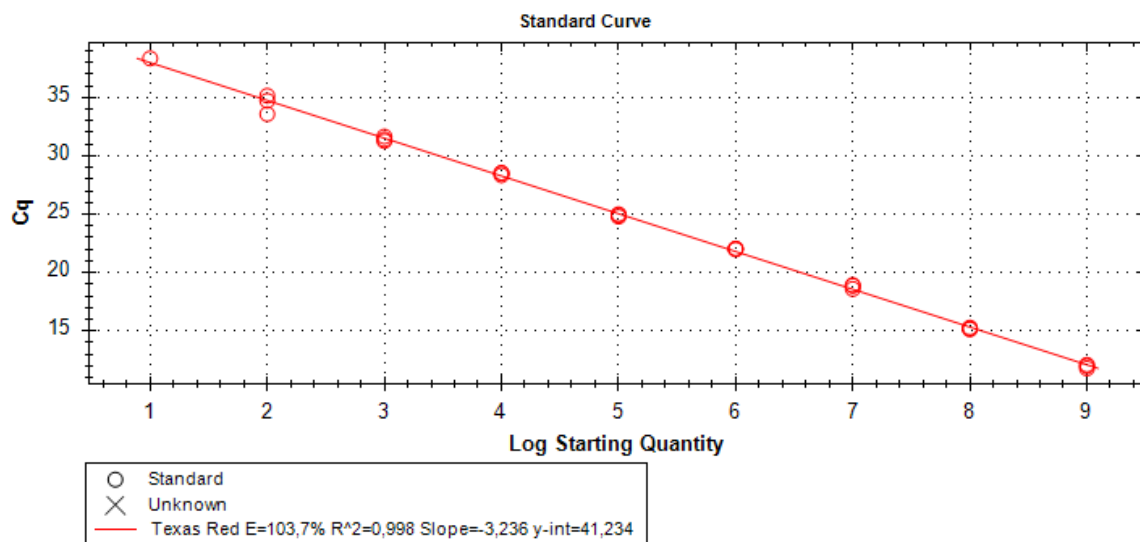


Figure 13: Standard curve for Puumala virus

Summary of Ct values

The following table details the Ct values obtained for each sample and fluorophore of each kit of the order.

Target Name	Sample Name	Reporter	Ct values
<i>Hantaan virus</i>	1	FAM	12,51
	2	FAM	17,1
	3	FAM	20,65
	4	FAM	24,64
	5	FAM	27,09
	6	FAM	29,77
	7	FAM	32,69
	8	FAM	35,37
	Negative Control	FAM	Undetermined

<i>Puumala virus</i>	1	ROX	12,01
	2	ROX	15,29
	3	ROX	18,6
	4	ROX	21,99
	5	ROX	24,8
	6	ROX	28,52
	7	ROX	31,28
	8	ROX	33,59
	Negative Control	ROX	Undetermined