

PCR Kit Quality Control Certificate

Pathogen
<i>Ebolavirus spp.</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

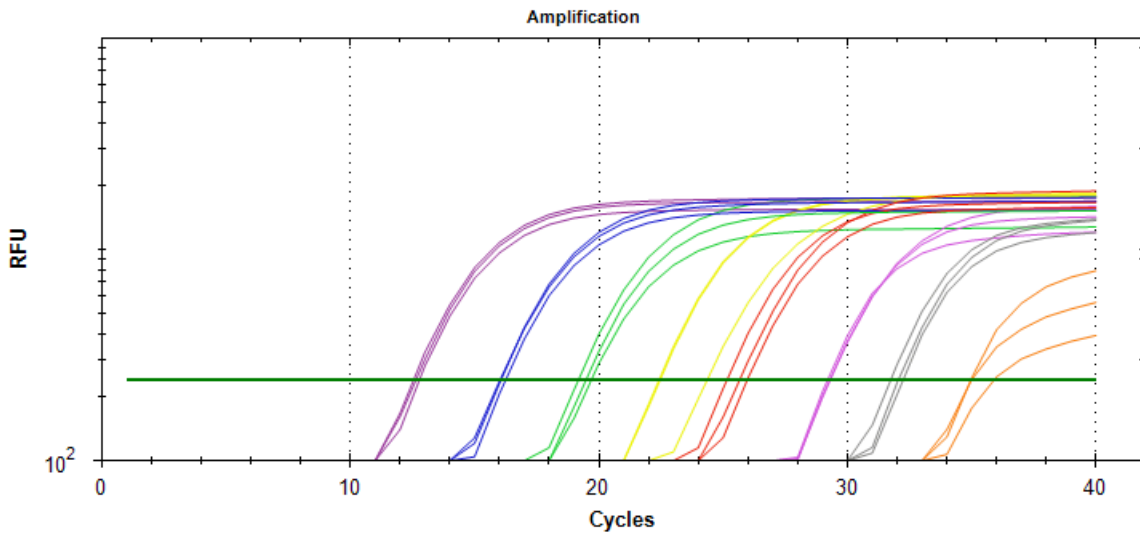


Figure 1: Logarithmic amplification curves for Ebolavirus spp.

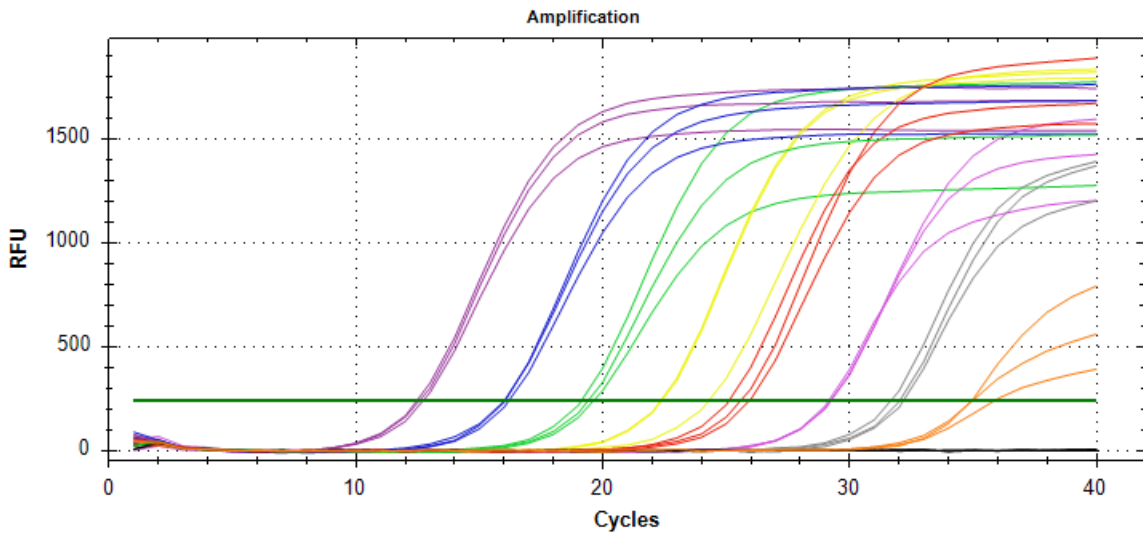


Figure 2: Standard amplification curves for Ebolavirus spp.

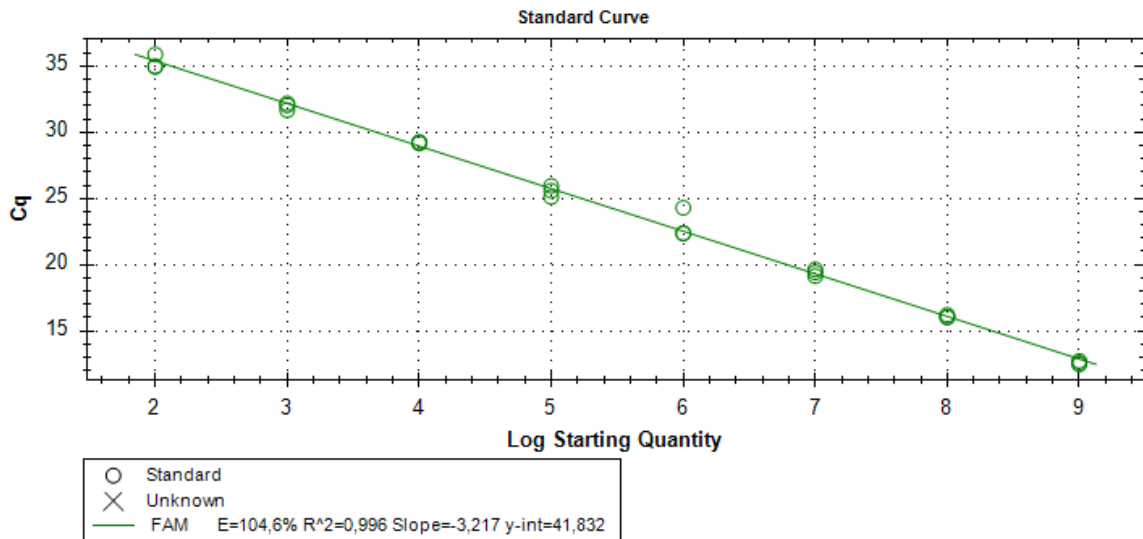


Figure 3: Standard curve for Ebolavirus spp.

Pathogen
<i>Bundibugyo virus</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

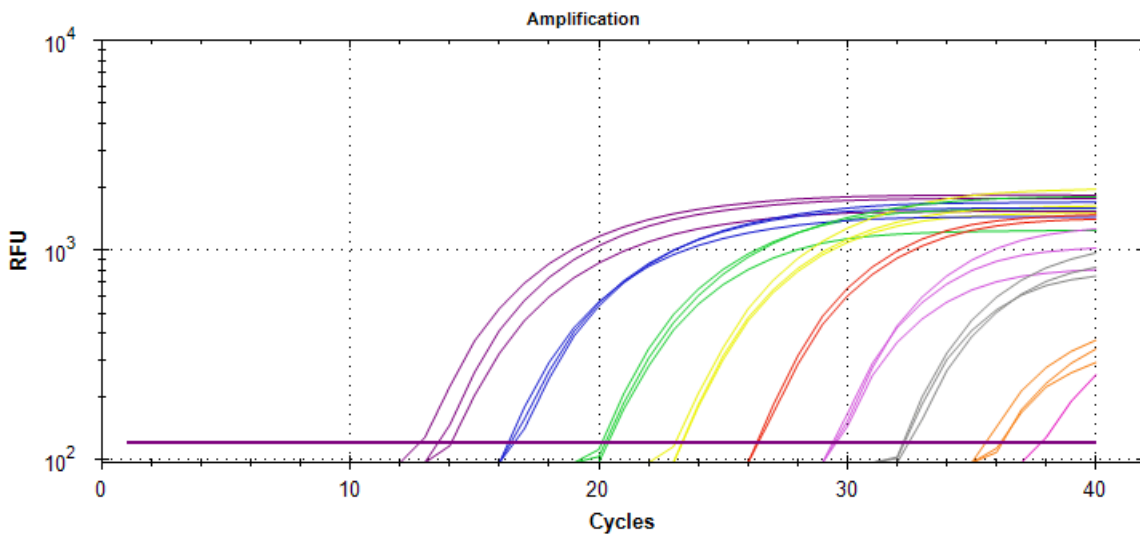


Figure 1: Logarithmic amplification curves for Bundibugyo virus

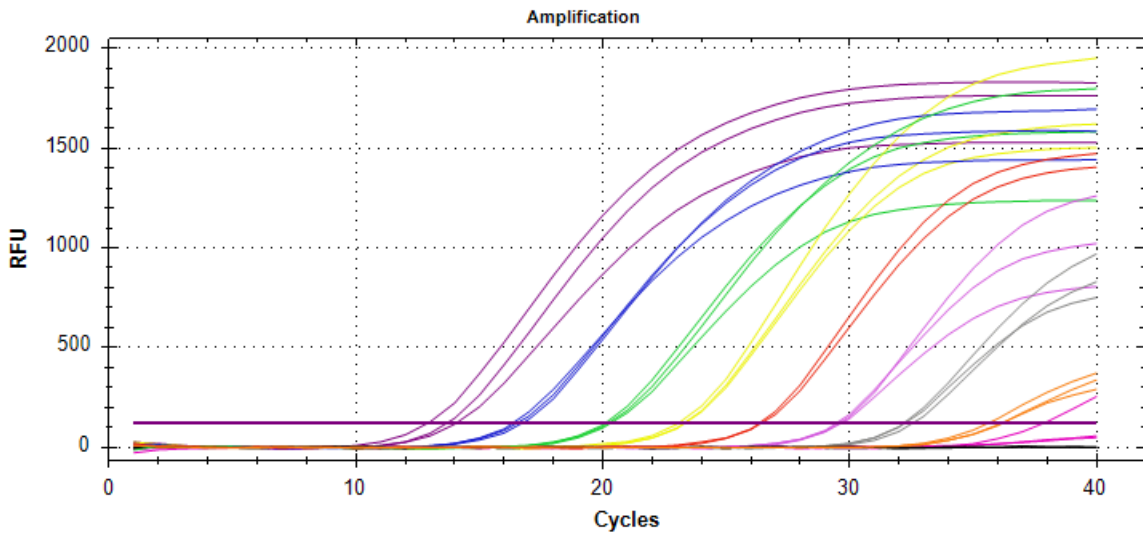


Figure 2: Standard amplification curves for Bundibugyo virus

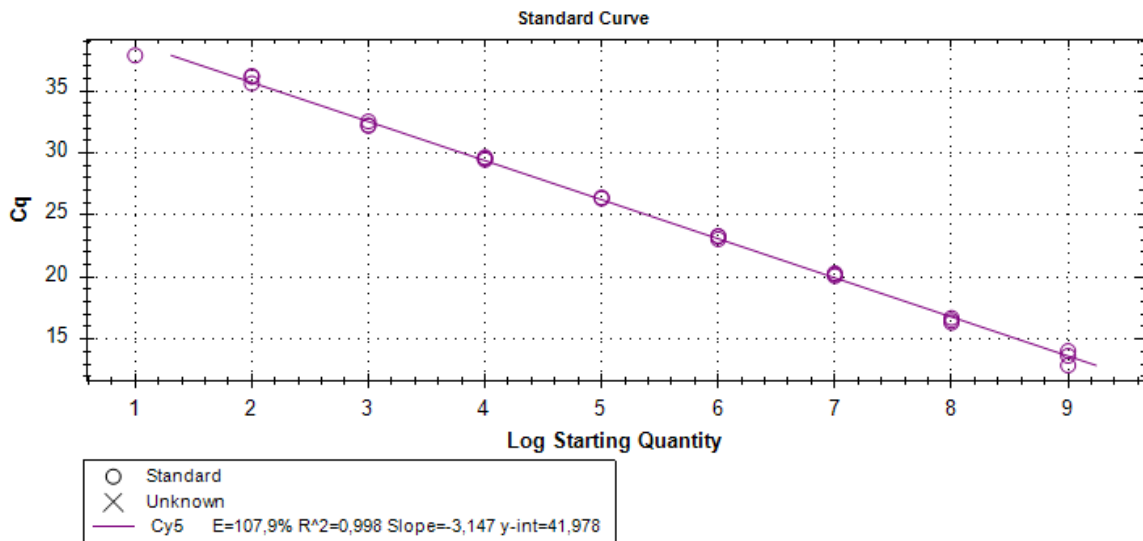


Figure 3: Standard curve for Bundibugyo virus

Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Ebolavirus spp.</i>	1	FAM	14,12
	2	FAM	17,33
	3	FAM	20,74
	4	FAM	23,8
	5	FAM	26,97
	6	FAM	30,53
	7	FAM	33,82
	8	FAM	35,41
	Negative Control	FAM	Undetermined

Target Name	Sample Name	Reporter	Ct values
<i>Bundibugyo virus</i>	1	CY5	12,15
	2	CY5	15,79
	3	CY5	18,41
	4	CY5	22,17
	5	CY5	25,38
	6	CY5	28,01
	7	CY5	31,92
	8	CY5	34,21
	Negative Control	CY5	Undetermined