

PCR Kit Quality Control Certificate

Pathogen
<i>Ebola 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

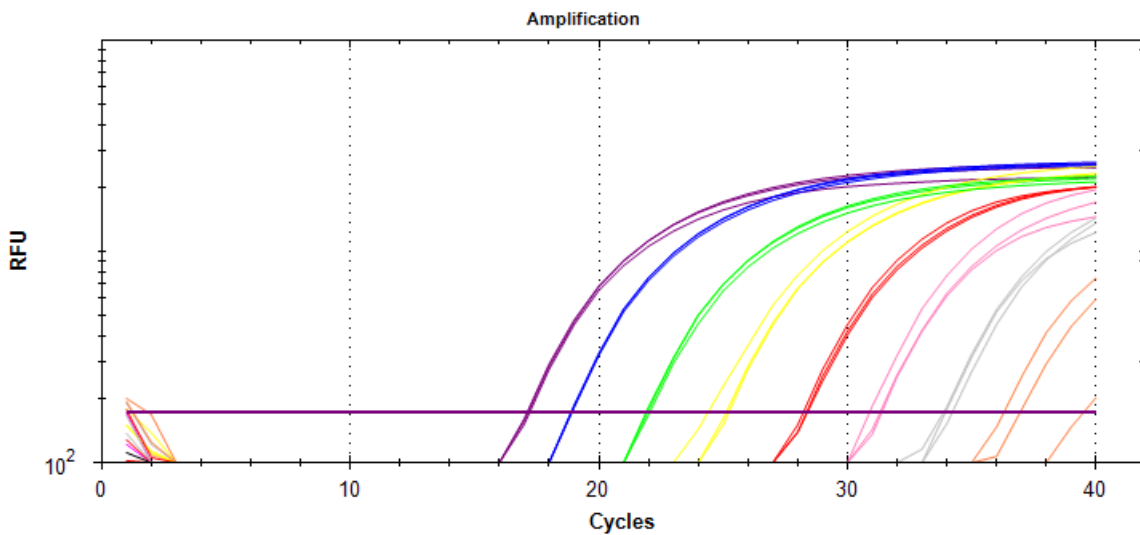


Figure 1: Logarithmic amplification curves for Ebola Bundibugyo virus

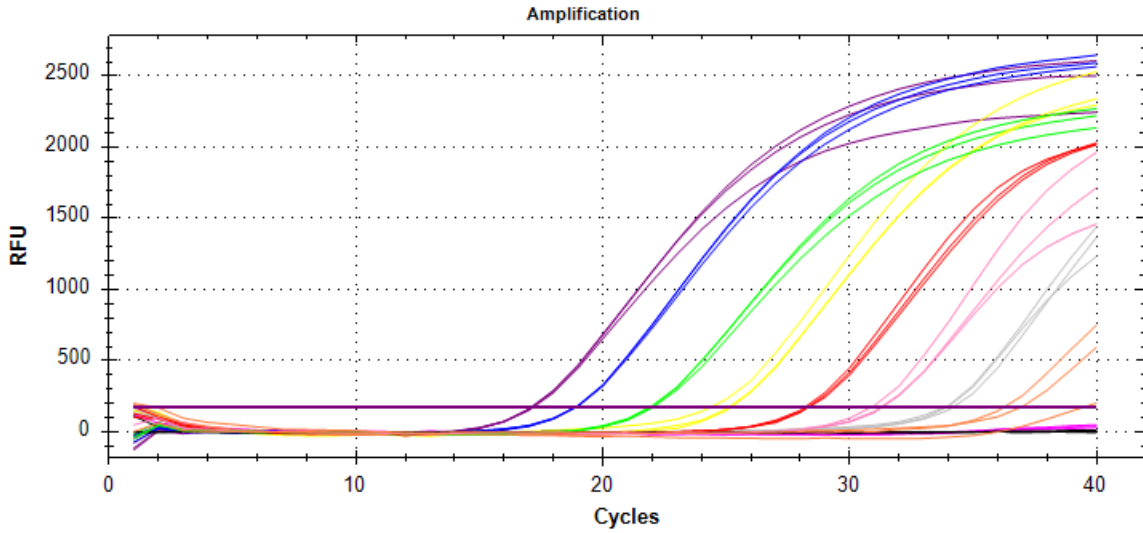


Figure 2: Standard amplification curves for Ebola Bundibugyo virus

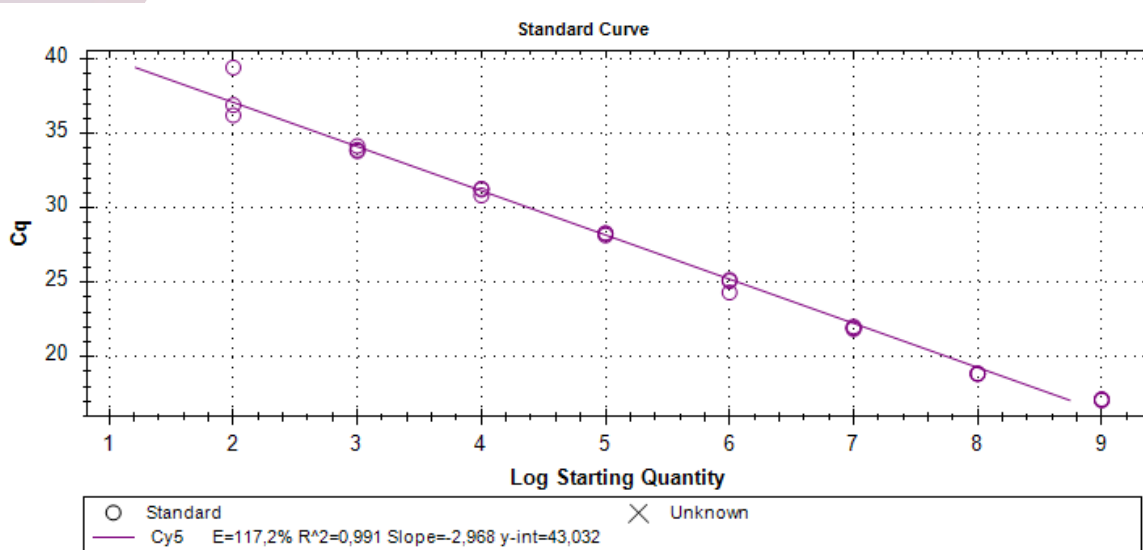


Figure 3: Standard curve for Ebola Bundibugyo virus

Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Ebola Bundibugyo virus</i>	1	CY5	17,16
	2	CY5	18,87
	3	CY5	21,93
	4	CY5	25,17
	5	CY5	28,17
	6	CY5	31,3
	7	CY5	33,82
	8	CY5	36,92
	9	CY5	-
	Negative Control	CY5	Undetermined