

PCR Kit Quality Control Certificate

Pathogen
<i>Tomato Mosaic 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

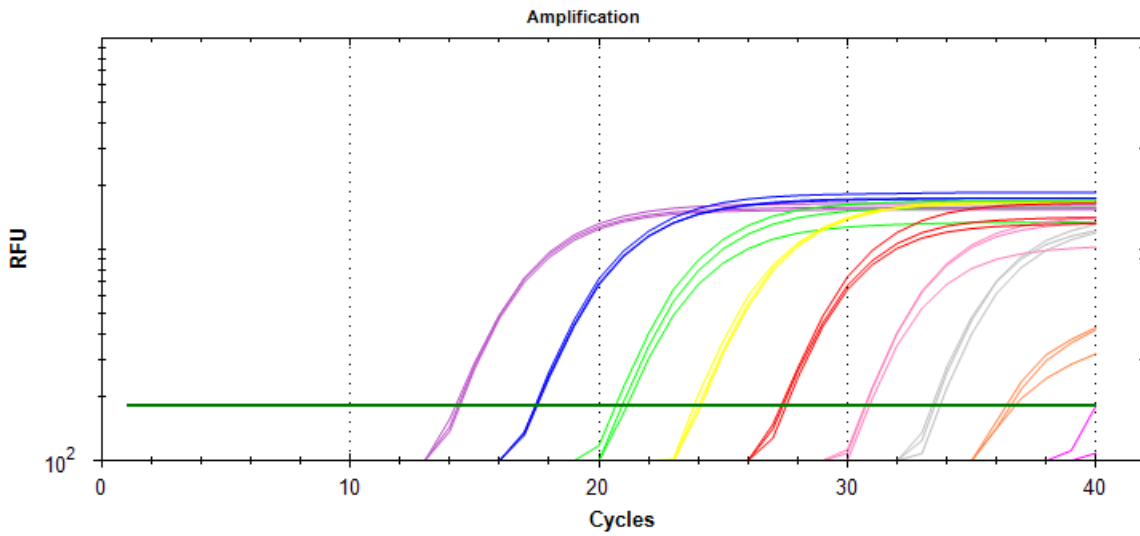


Figure 1: Logarithmic amplification curves for Tomato Mosaic Virus

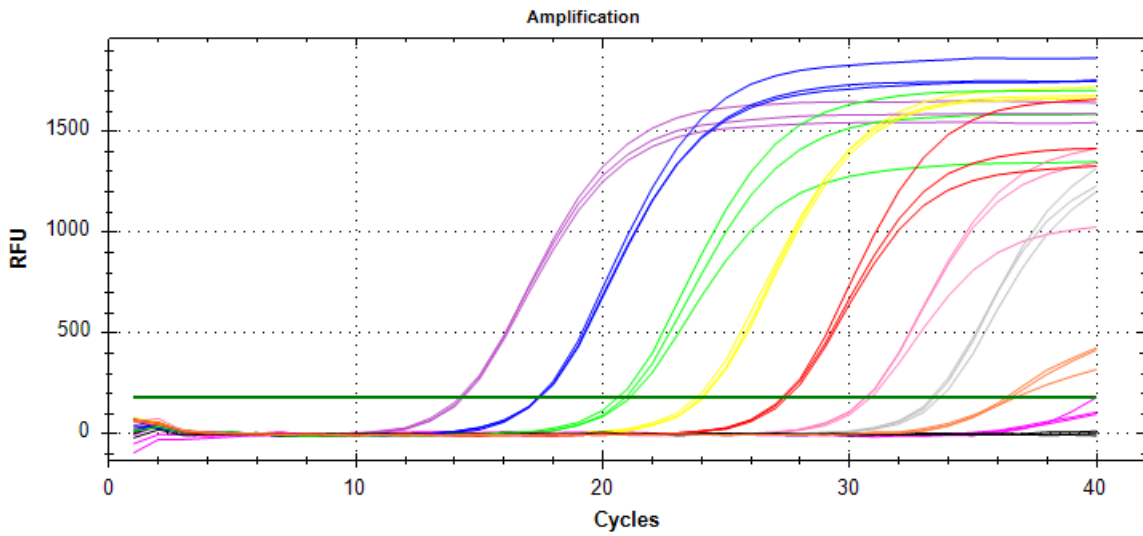


Figure 2: Standard amplification curves for Tomato Mosaic Virus

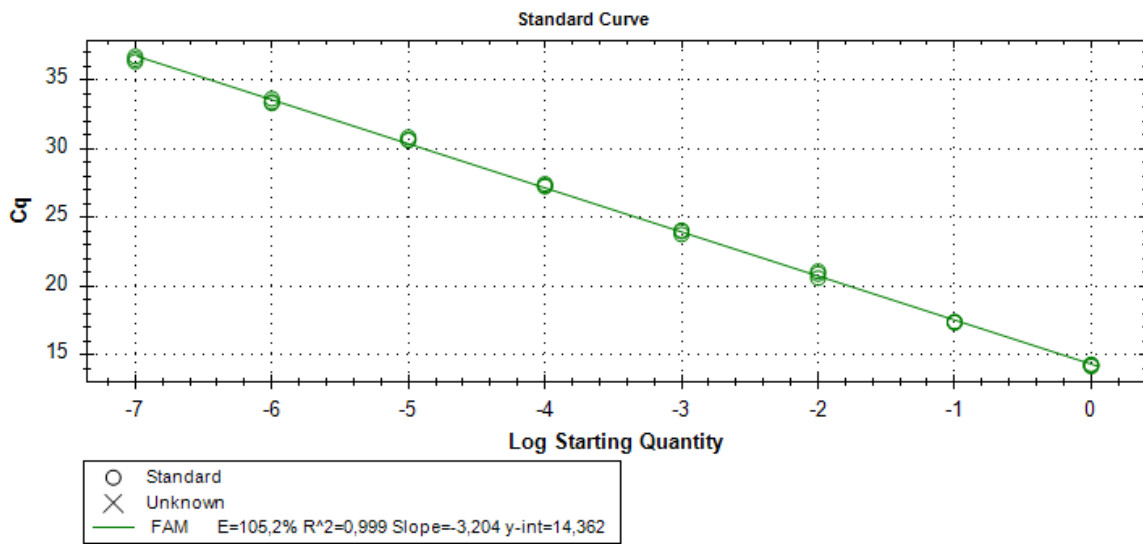


Figure 3: Standard curve for Tomato Mosaic Virus

Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Tomato Mosaic Virus</i>	1	FAM	14,34
	2	FAM	17,4
	3	FAM	20,61
	4	FAM	24,01
	5	FAM	27,27
	6	FAM	30,86
	7	FAM	33,33
	8	FAM	36,35
	Negative Control	FAM	Undetermined