

PCR Kit Quality Control Certificate

Gene
<i>mecA</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

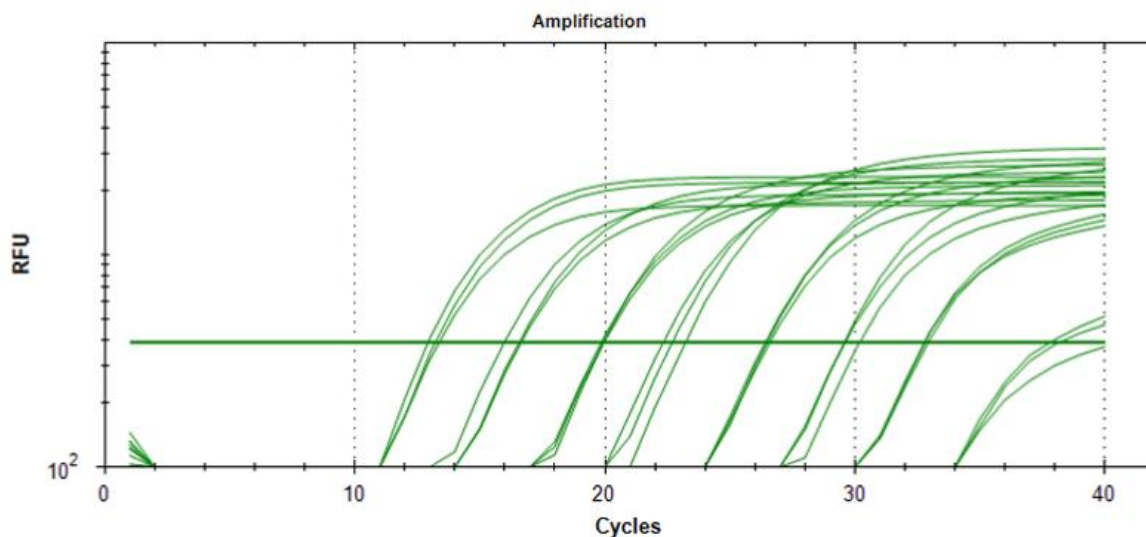


Figure 1: Logarithmic amplification curves for mecA

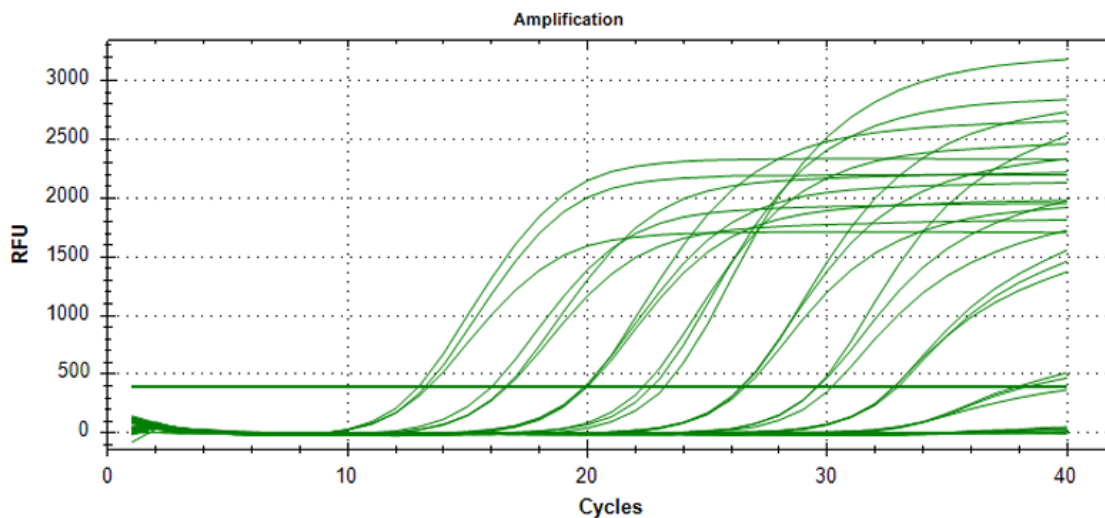


Figure 2: Standard amplification curves for *mecA*

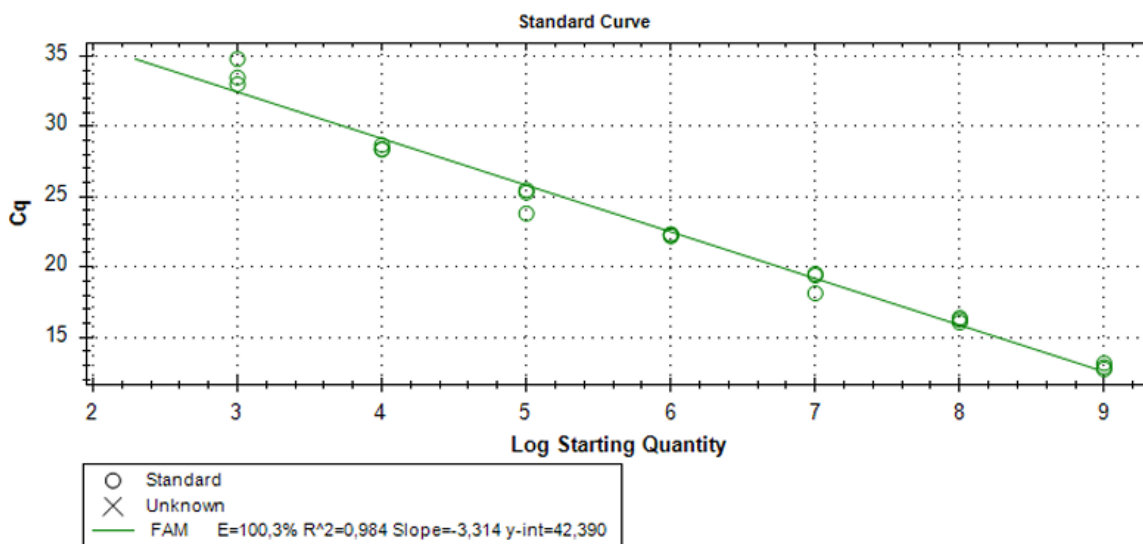


Figure 3: Standard curve for *mecA*

Gene

mecC

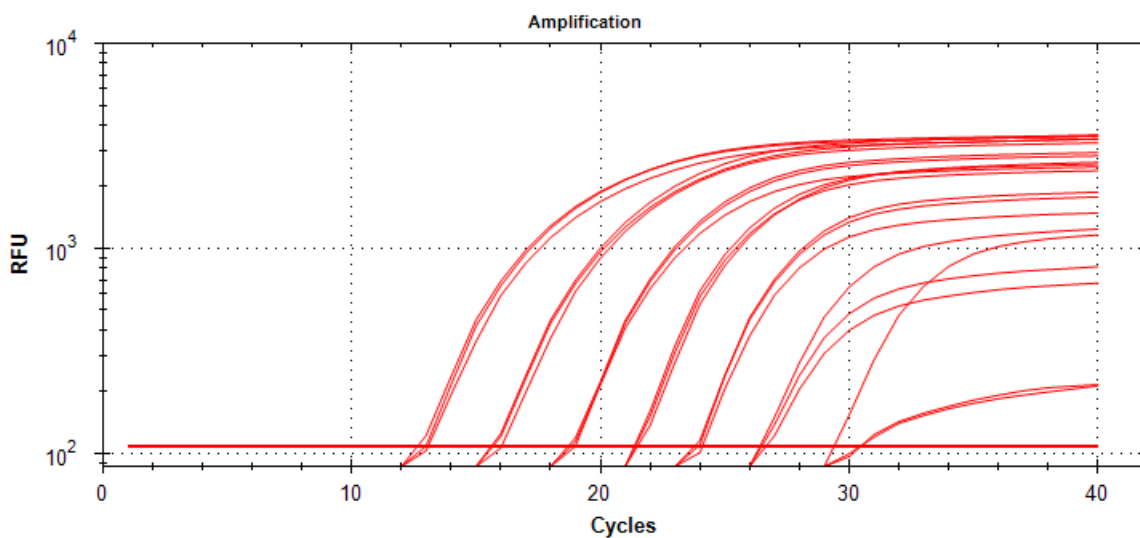


Figure 4: Logarithmic amplification curves for *mecC*

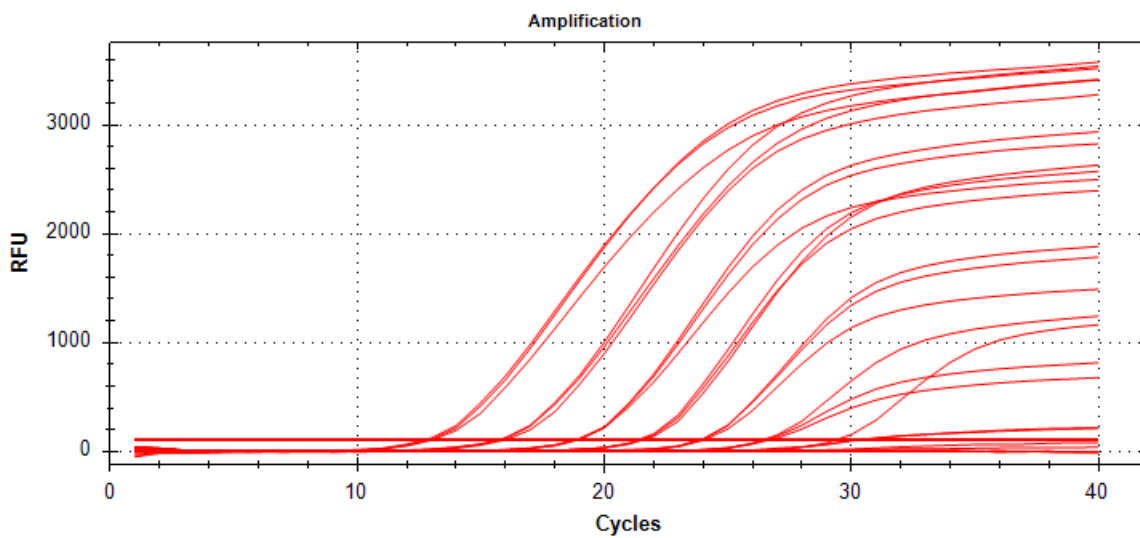


Figure 5: Standard amplification curves for *mecC*

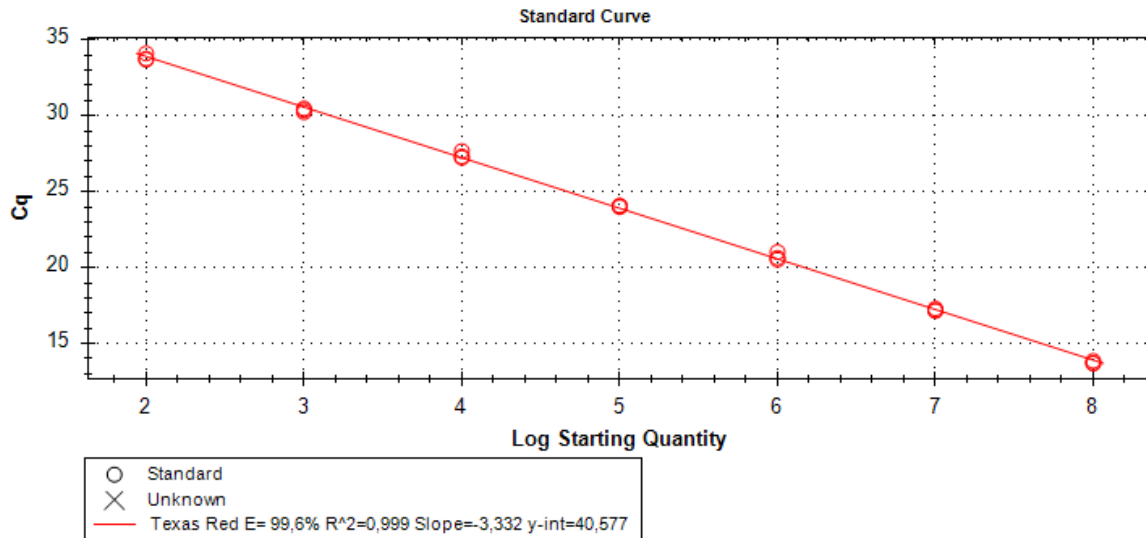


Figure 6: Standard curve for *mecC*

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>mecA</i>	1	FAM	13,28
	2	FAM	14,31
	3	FAM	16,55
	4	FAM	19,85
	5	FAM	22,98
	6	FAM	26,14
	7	FAM	30,06
	8	FAM	32,79
	Negative Control	FAM	Undetermined

<i>mecC</i>	1	ROX	12,41
	2	ROX	16,18
	3	ROX	19,5
	4	ROX	22,69
	5	ROX	25,69
	6	ROX	29,52
	7	ROX	32,36
	8	ROX	35,01
	Negative Control	ROX	Undetermined