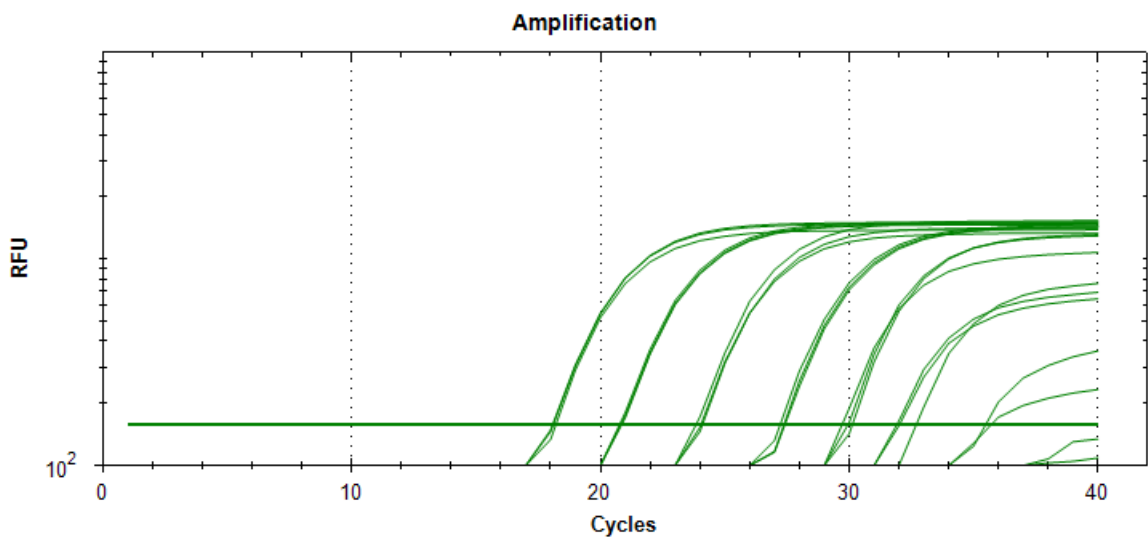


PCR Kit Quality Control Certificate

Gene
<i>ermA</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 *ermA**

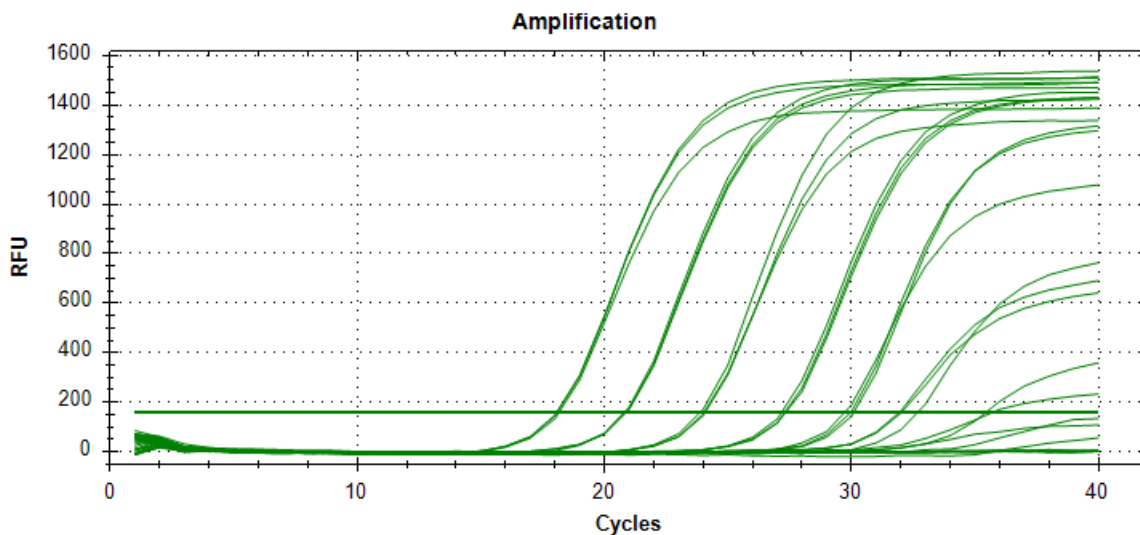


Figure 2: Standard amplification curves for ermA

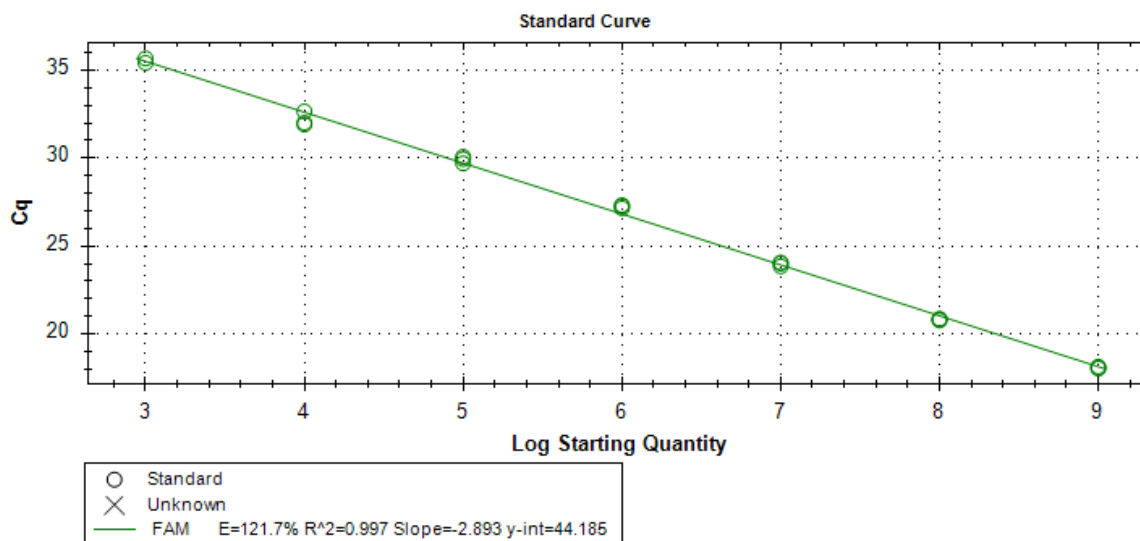


Figure 3: Standard curve for ermA

Gene
<i>ermB</i>

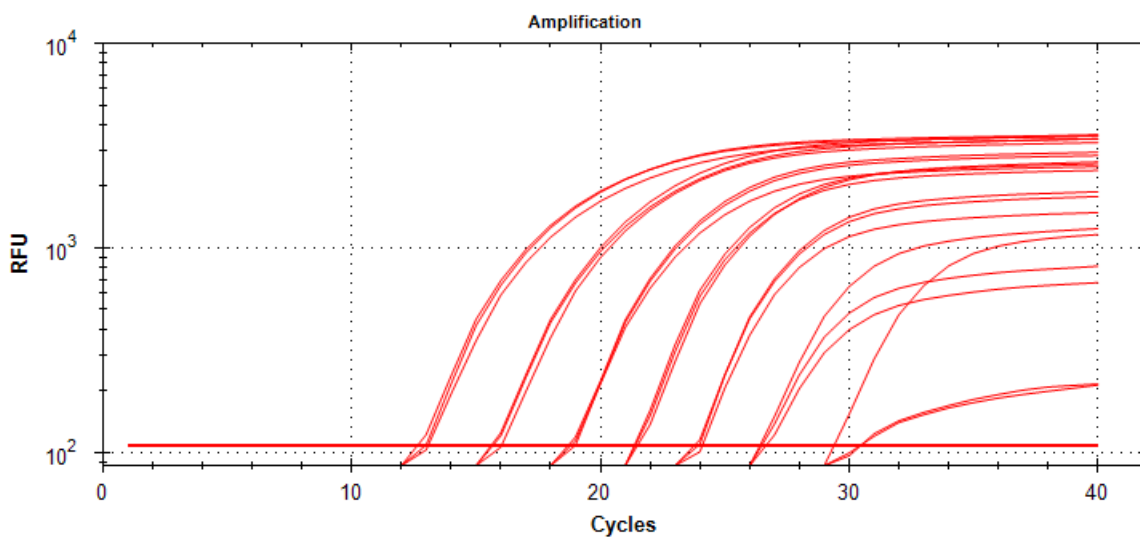


Figure 4: Logarithmic amplification curves for *ermB*

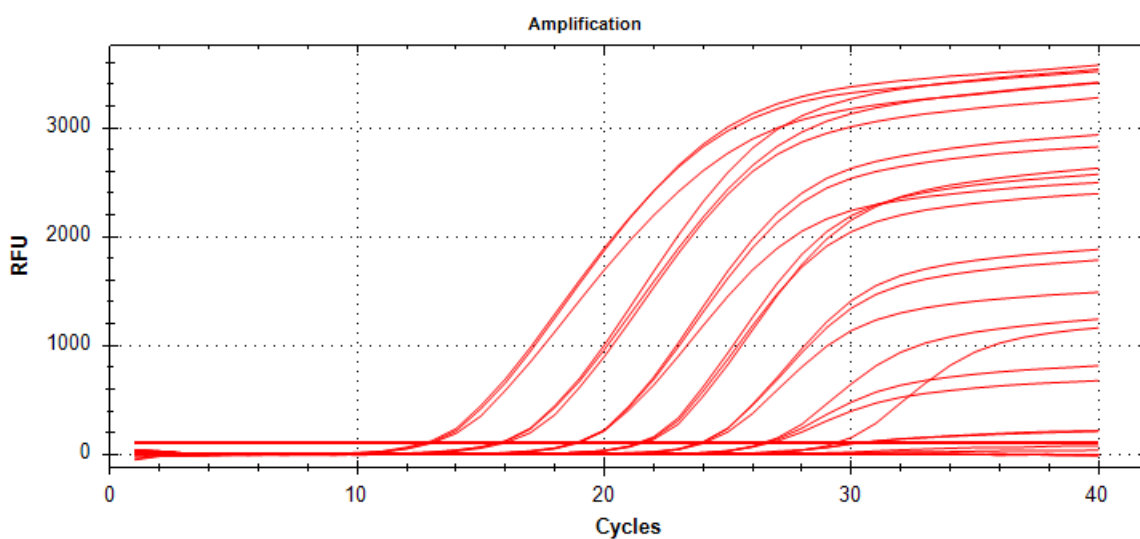


Figure 5: Standard amplification curves for *ermB*

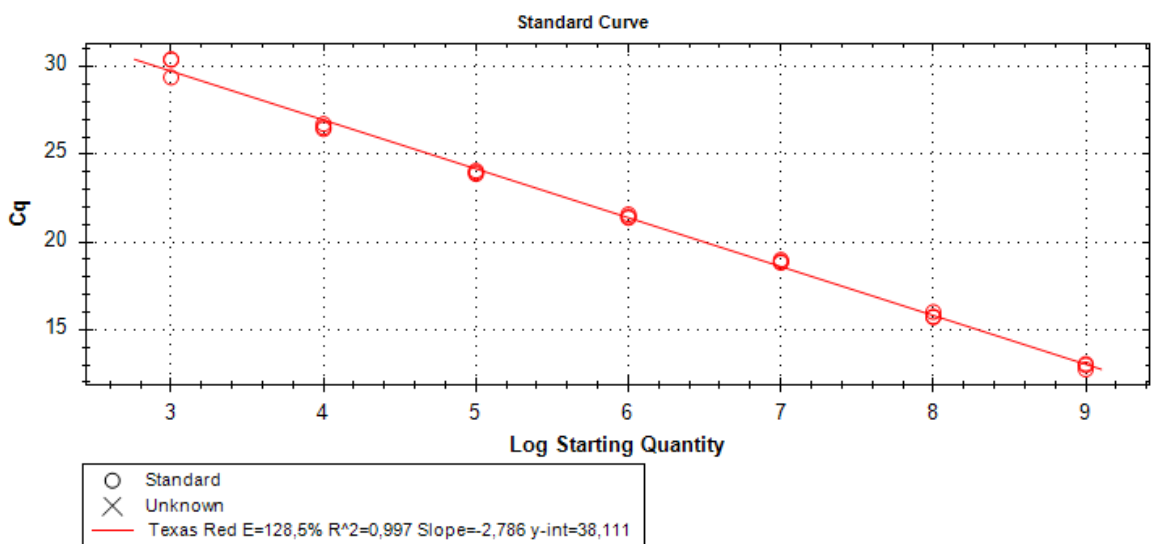


Figure 6: Standard curve for *ermB*

Gene
<i>ermC</i>

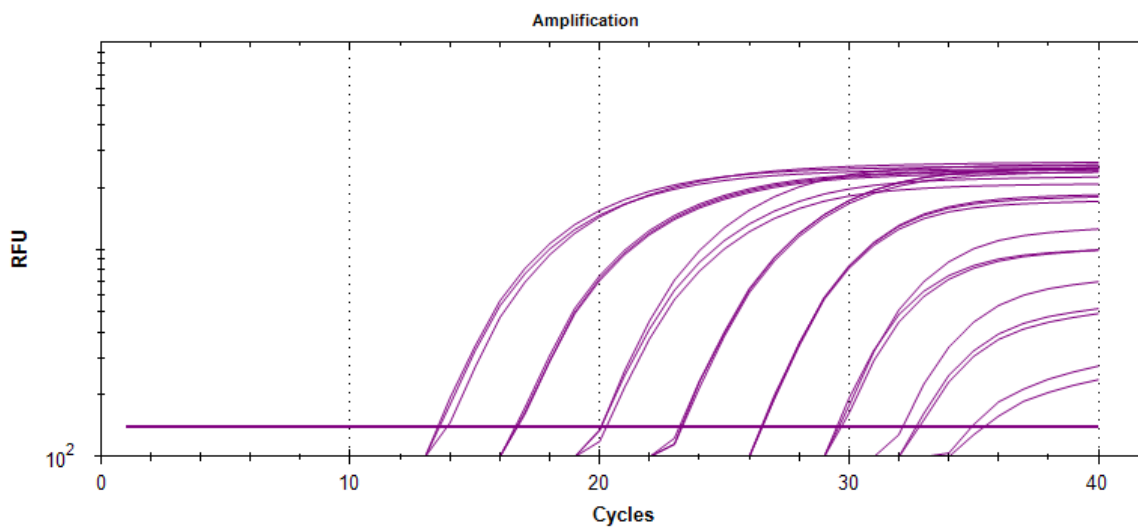


Figure 7: Logarithmic amplification curves for *ermC*

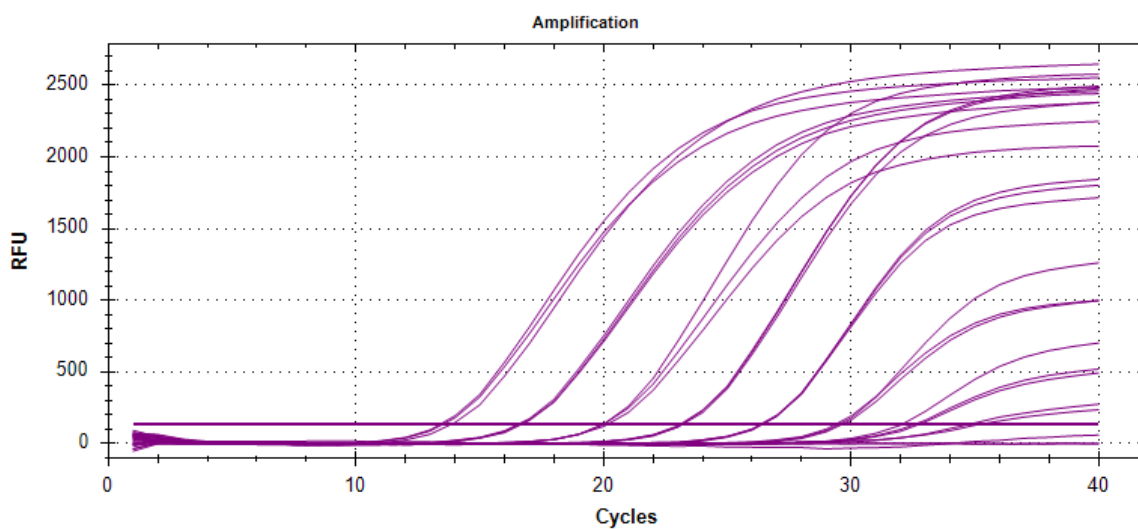


Figure 8: Standard amplification curves for *ermC*

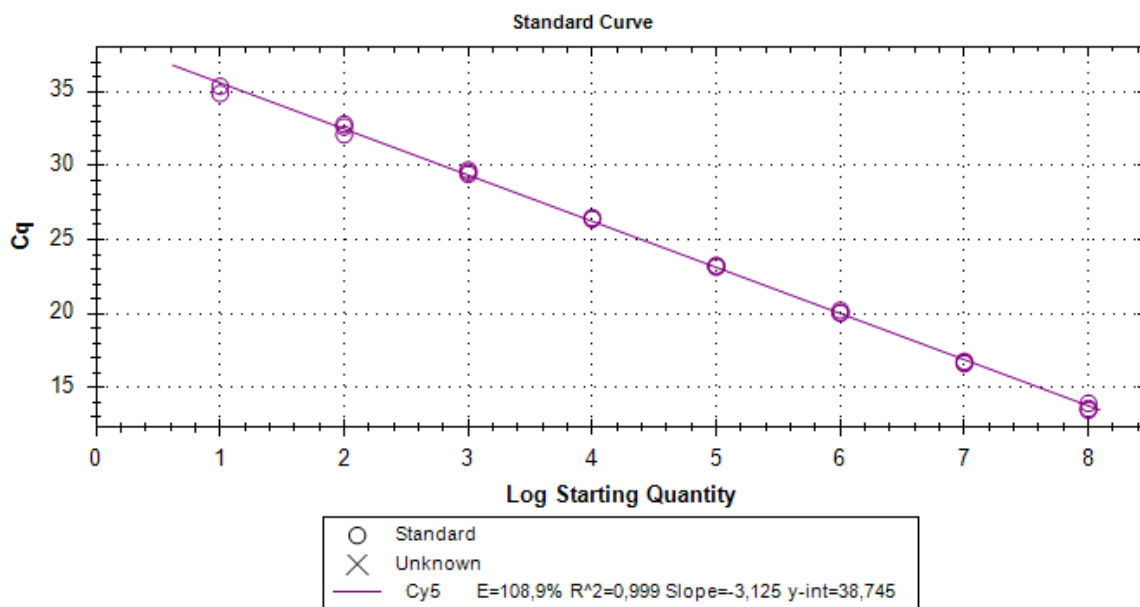


Figure 9: Standard curve for *ermC*

Gene
<i>mefA</i>

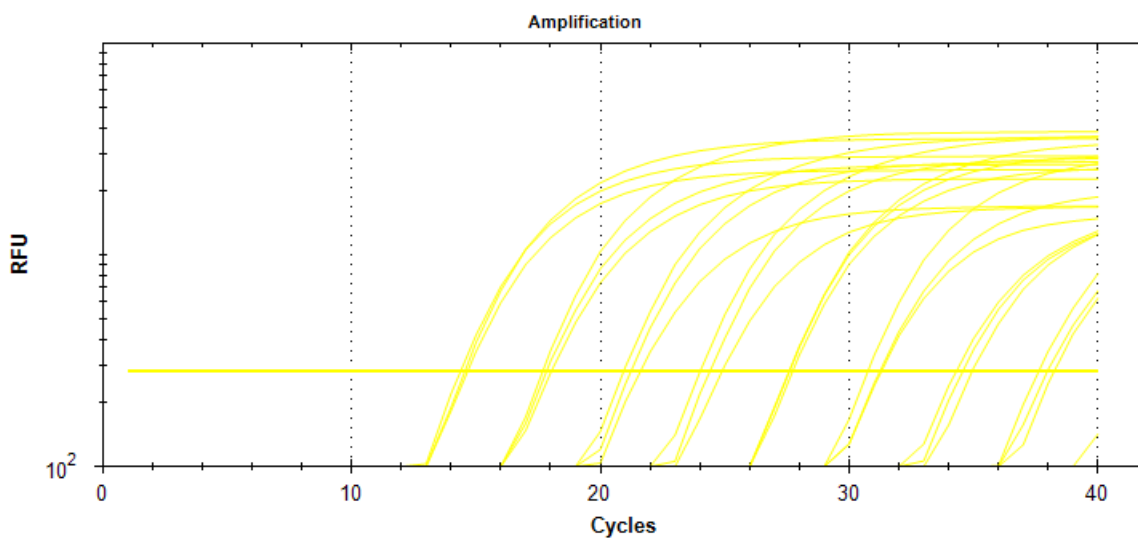


Figure 10: Logarithmic amplification curves for mefA

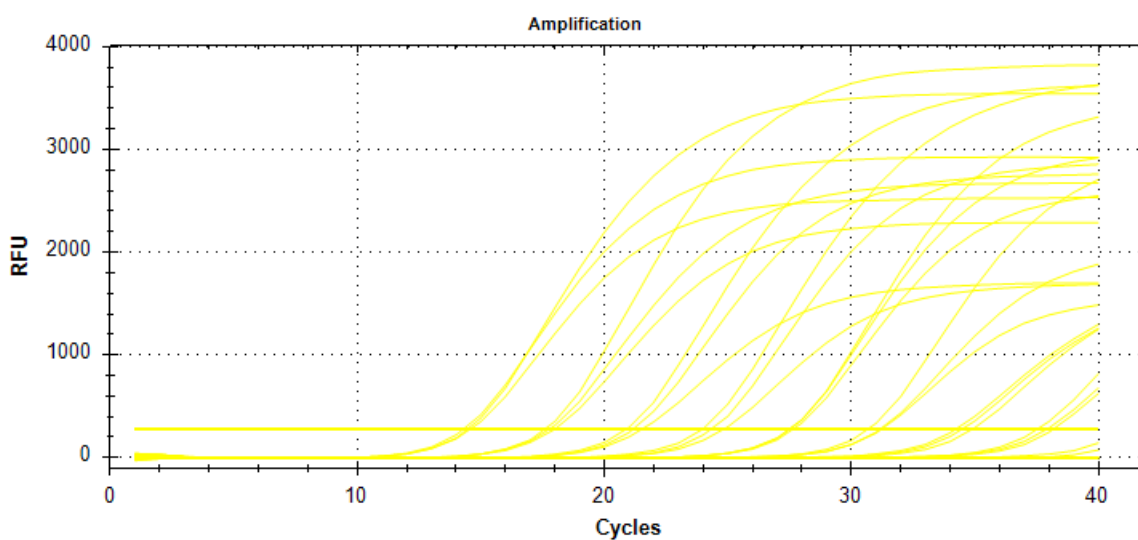


Figure 11: Standard amplification curves for mefA

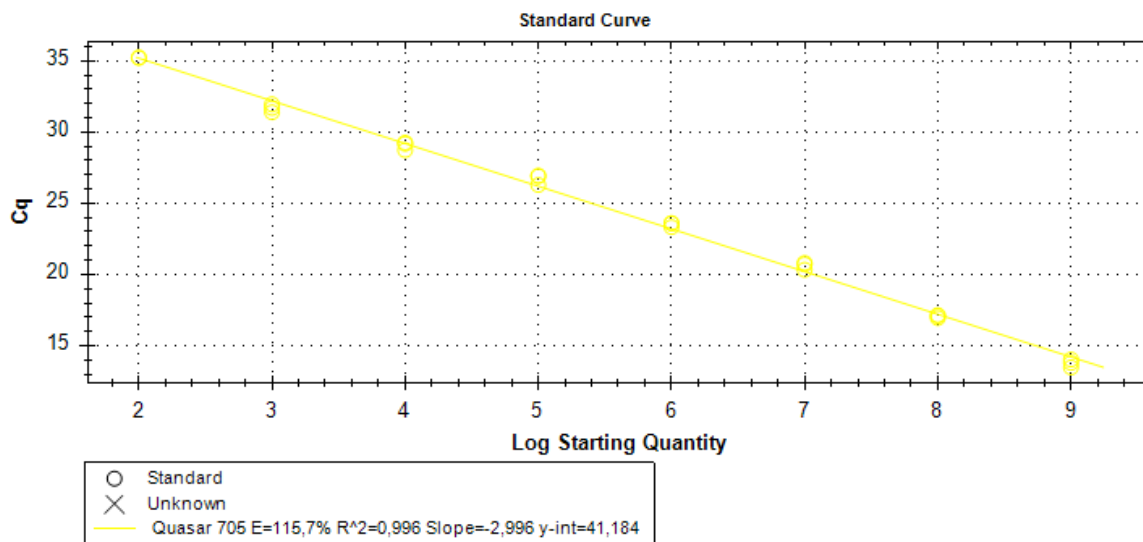


Figure 12: Standard curve for mefA

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>ermA</i>	1	FAM	12,24
	2	FAM	16,15
	3	FAM	20,86
	4	FAM	22,86
	5	FAM	26,33
	6	FAM	30,58
	7	FAM	32,16
	8	FAM	34,42
	Negative Control	FAM	Undetermined

ermB	1	ROX	14,67
	2	ROX	16,95
	3	ROX	20,49
	4	ROX	23,52
	5	ROX	26,26
	6	ROX	27,64
	7	ROX	31,33
	8	ROX	-
	Negative Control	ROX	Undetermined

Target Name	Sample Name	Reporter	Ct values
ermC	1	CY5	12,51
	2	CY5	15,92
	3	CY5	21,35
	4	CY5	24,45
	5	CY5	27,93
	6	CY5	31,36
	7	CY5	34,58
	8	CY5	36,88
	Negative Control	CY5	Undetermined

<i>mefA</i>	1	CY5.5	14,04
	2	CY5.5	17,95
	3	CY5.5	21,72
	4	CY5.5	24,61
	5	CY5.5	26,51
	6	CY5.5	28,64
	7	CY5.5	32,16
	8	CY5.5	33,21
	Negative Control	CY5.5	Undetermined