

PCR Kit Quality Control Certificate

Pathogen
<i>Vibrio cholerae</i>

Table 1: Concentration in ng/μL of the sample control and its dilutions.

	1	2	3	4	5	6	7	8
	1×10^{-1}	1×10^{-2}	1×10^{-3}	1×10^{-4}	1×10^{-5}	1×10^{-6}	1×10^{-7}	1×10^{-8}
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

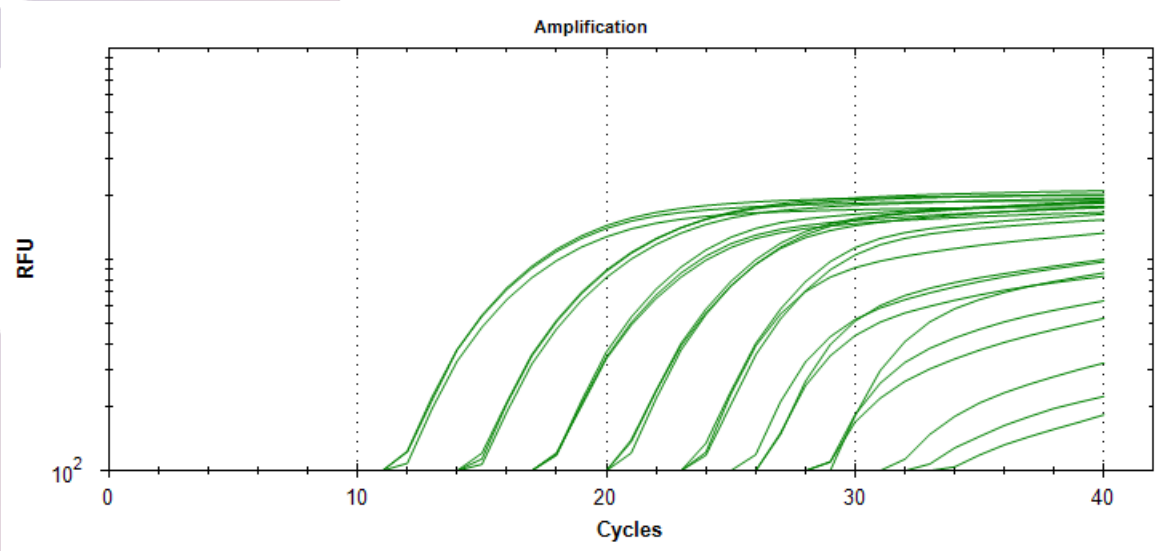


Figure 1: Logarithmic amplification curves for *Vibrio cholerae*

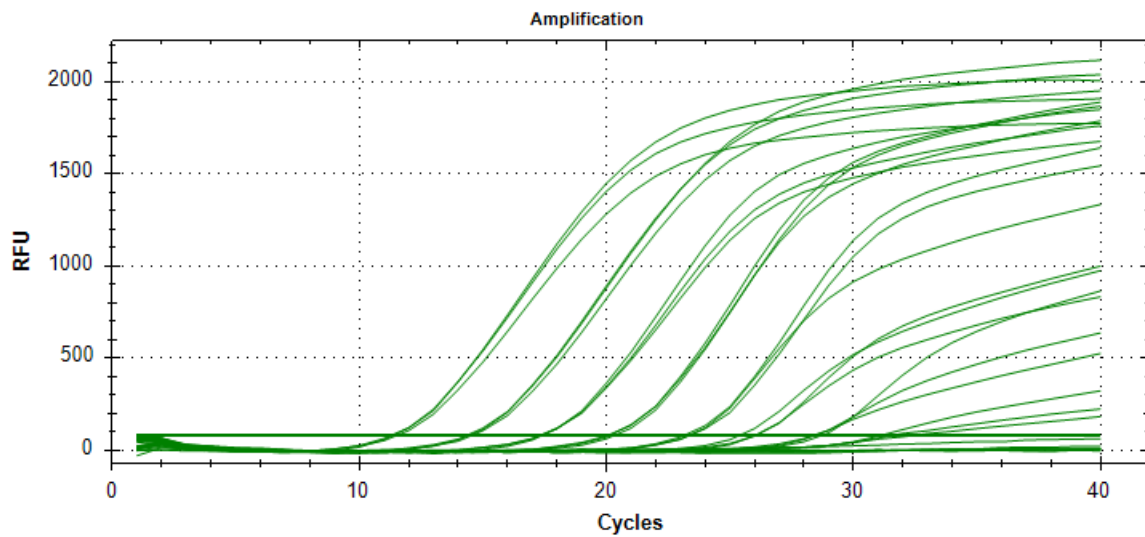


Figure 2: Standard amplification curves for *Vibrio cholerae*

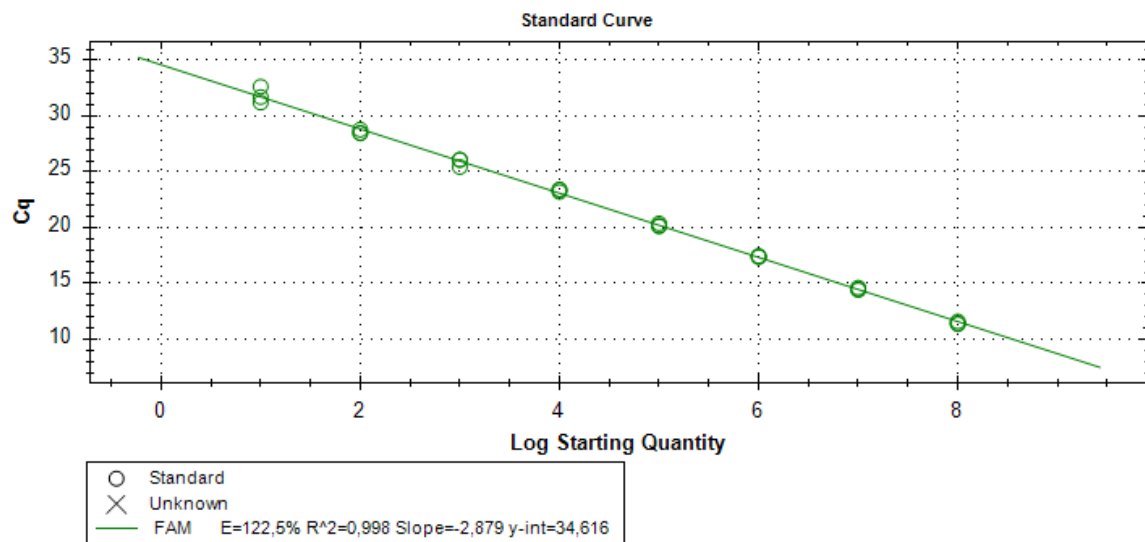


Figure 3: Standard curve for *Vibrio cholerae*

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Vibrio parahaemolyticus

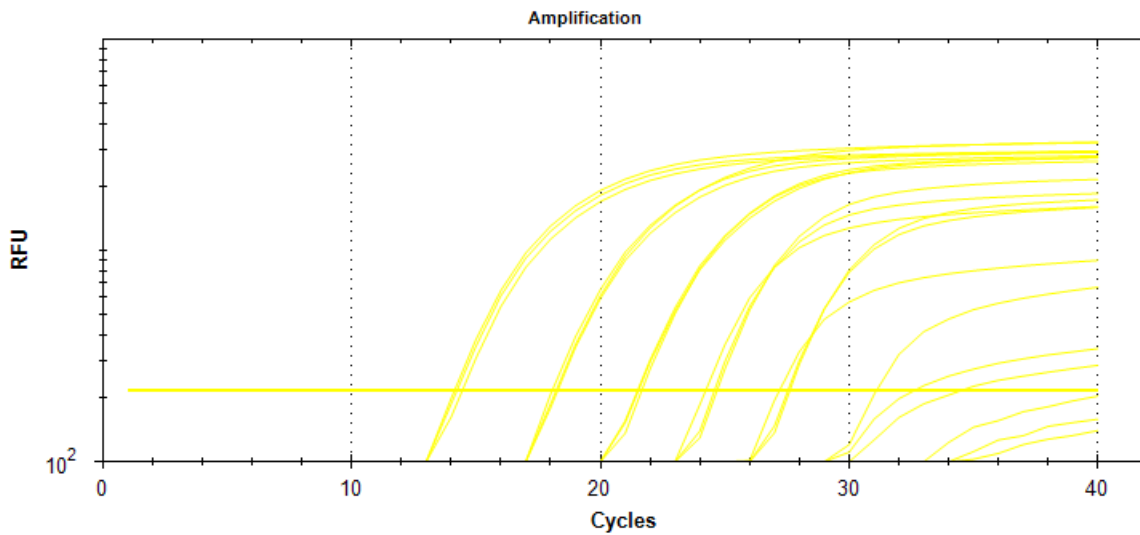


Figure 4: Logarithmic amplification curves for Vibrio parahaemolyticus

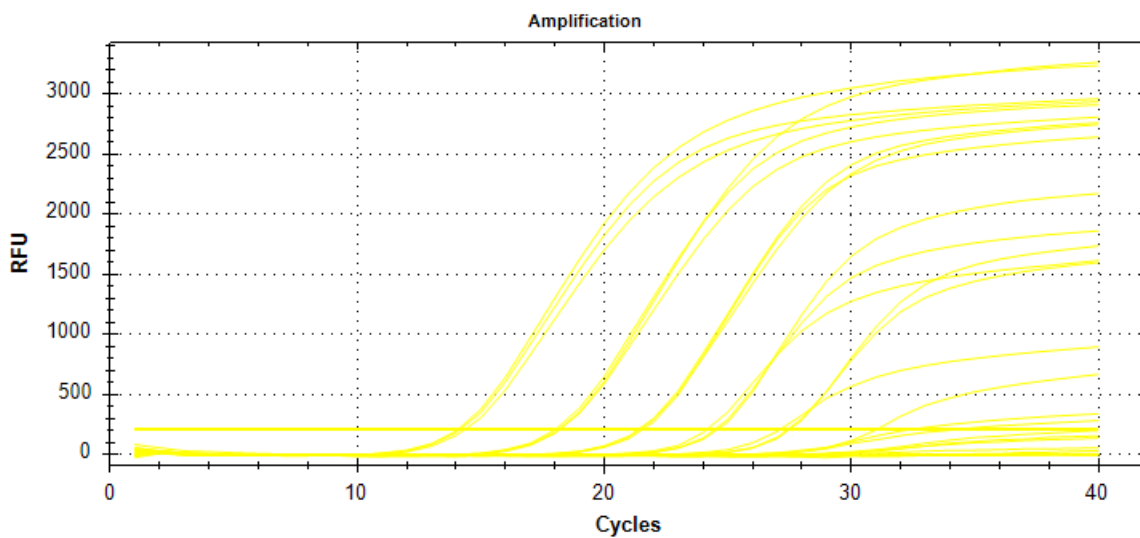


Figure 5: Standard amplification curves for Vibrio parahaemolyticus

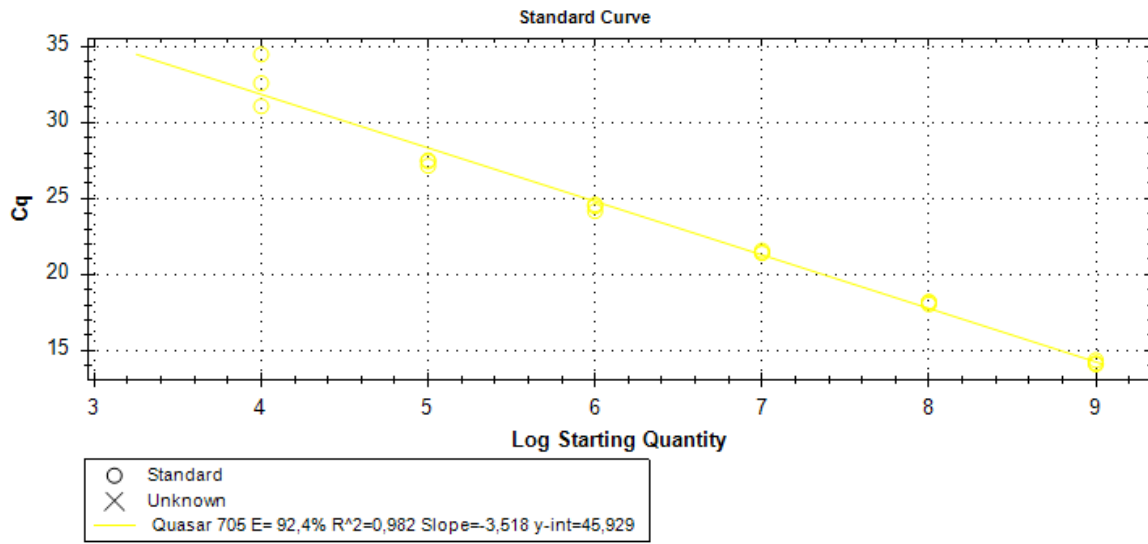


Figure 6: Standard curve for *Vibrio parahaemolyticus*

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<i>Vibrio vulnificus</i>

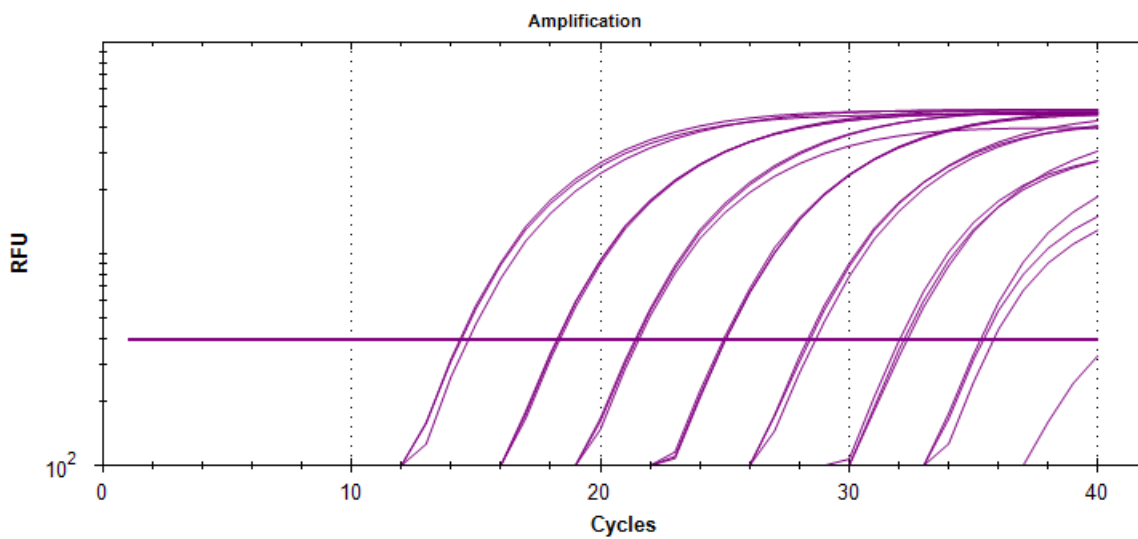


Figure 7: Logarithmic amplification curves for *Vibrio vulnificus*

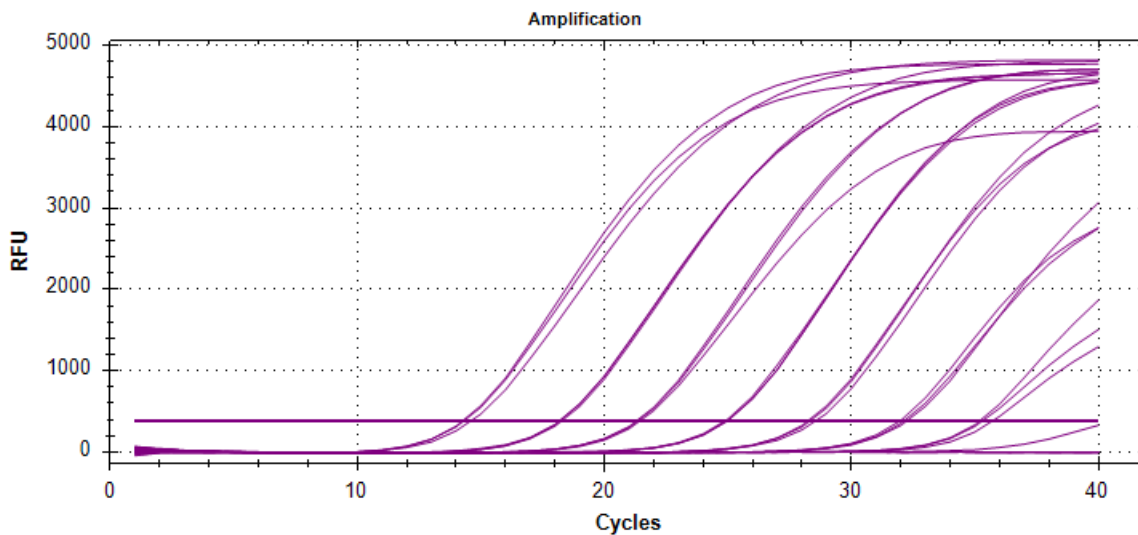


Figure 8: Standard amplification curves for *Vibrio vulnificus*

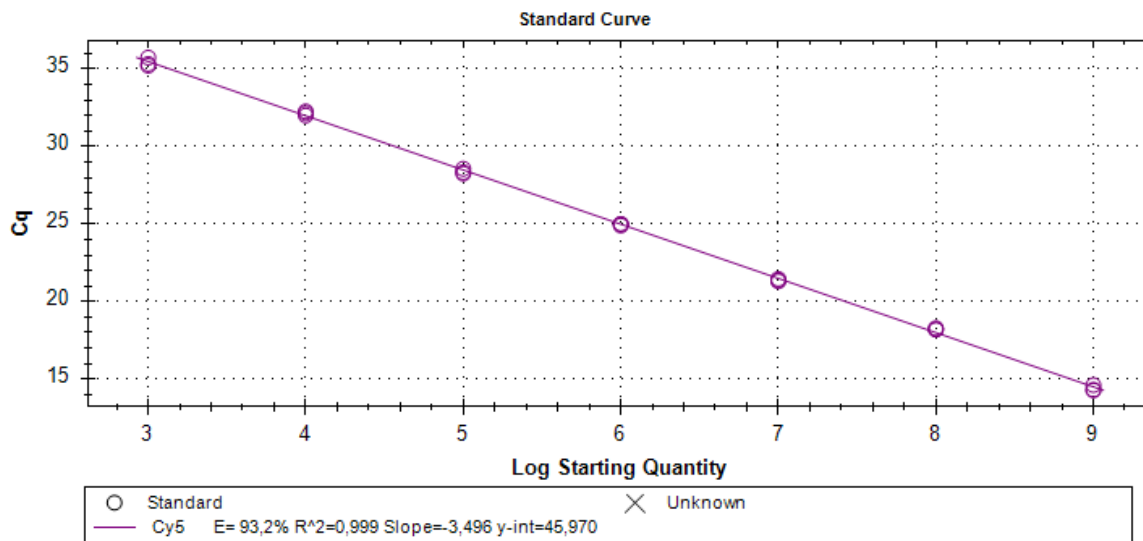


Figure 6: Standard curve for *Vibrio vulnificus*

Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Vibrio cholerae</i>	1	FAM	11,59
	2	FAM	14,62
	3	FAM	17,39
	4	FAM	20,39
	5	FAM	23,41
	6	FAM	26,08
	7	FAM	28,80
	8	FAM	31,22
	Negative Control	FAM	Undetermined

Target Name	Sample Name	Reporter	Ct values
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<i>Vibrio parahaemolyticus</i>	1	CY5.5	14,37
	2	CY5.5	18,17
	3	CY5.5	21,58
	4	CY5.5	24,60
	5	CY5.5	27,45
	6	CY5.5	34,48
	7	CY5.5	-
	8	CY5.5	-
	Negative Control	CY5.5	Undetermined

Target Name	Sample Name	Reporter	Ct values
<i>Vibrio vulnificus</i>	1	CY5	14,62
	2	CY5	18,29
	3	CY5	21,23
	4	CY5	25,01
	5	CY5	28,57
	6	CY5	32,15
	7	CY5	35,74
	8	CY5	-
	Negative Control	CY5	Undetermined

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