

PCR Kit Quality Control Certificate

Pathogen
<i>Multiplex Campylobacter jejuni, C. lari, C. coli</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

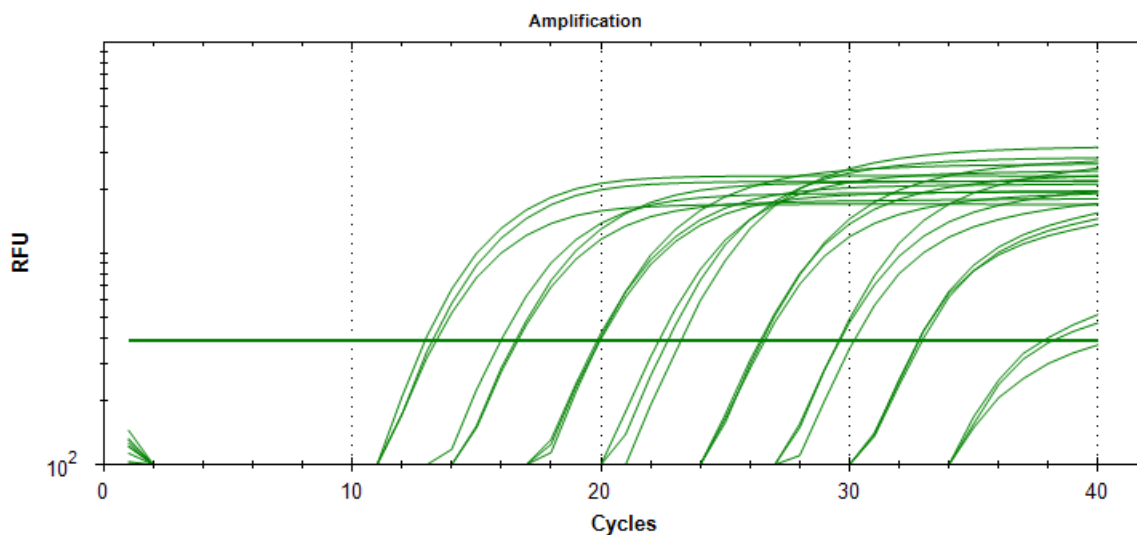


Figure 2: Logarithmic amplification curves for *Campylobacter jejuni*

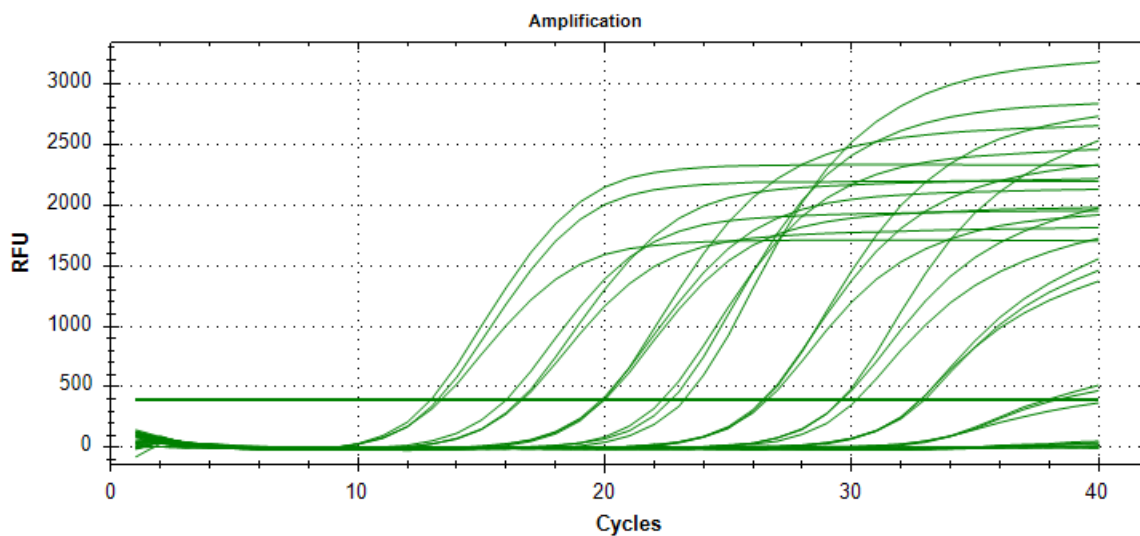


Figure 3: Standard amplification curves for *Campylobacter jejuni*

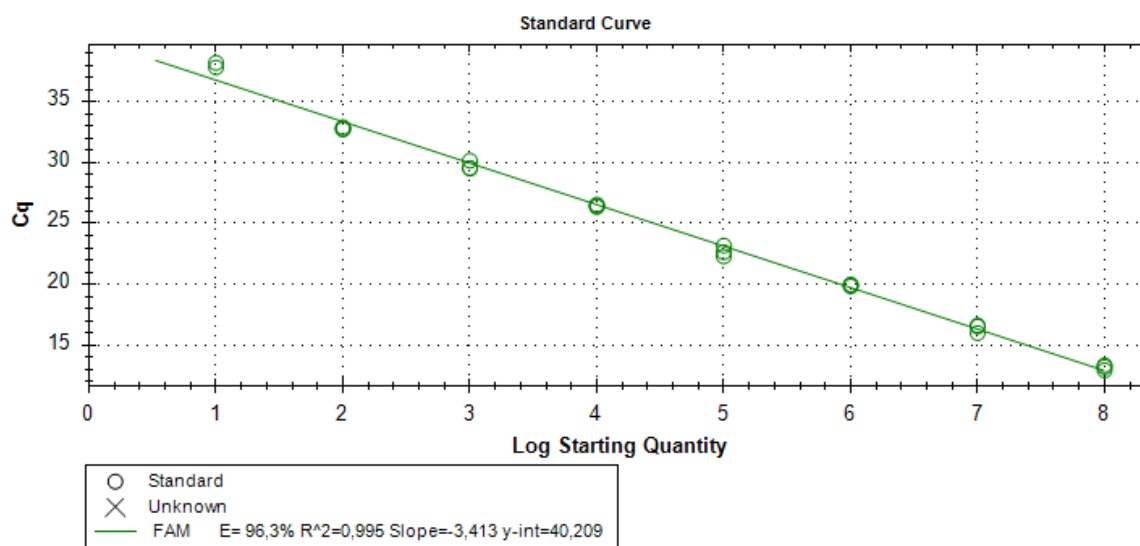


Figure 4: Standard curve for *Campylobacter jejuni*

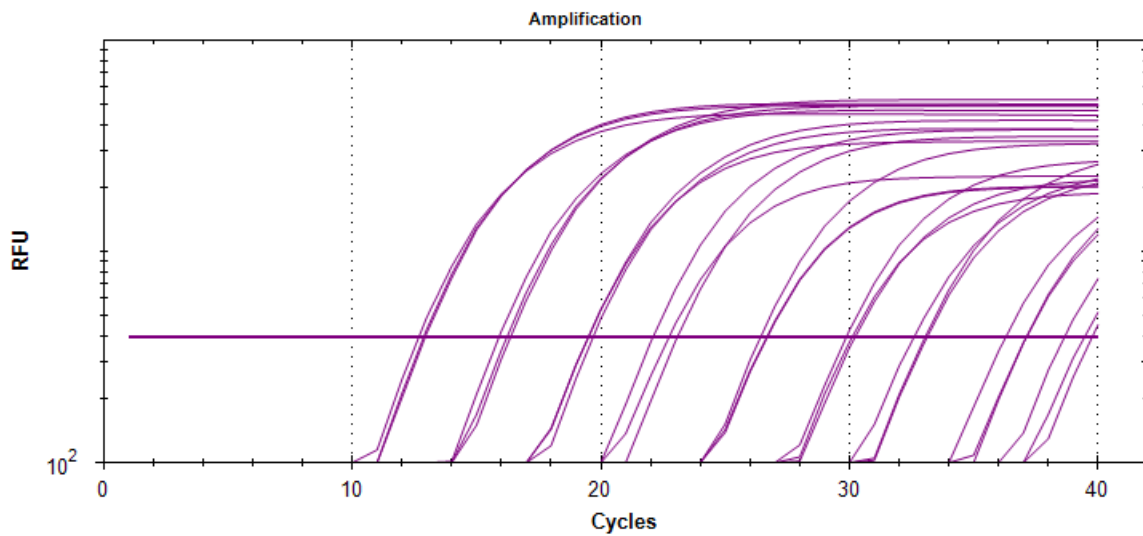


Figure 5: Logarithmic amplification curves for Campylobacter lari

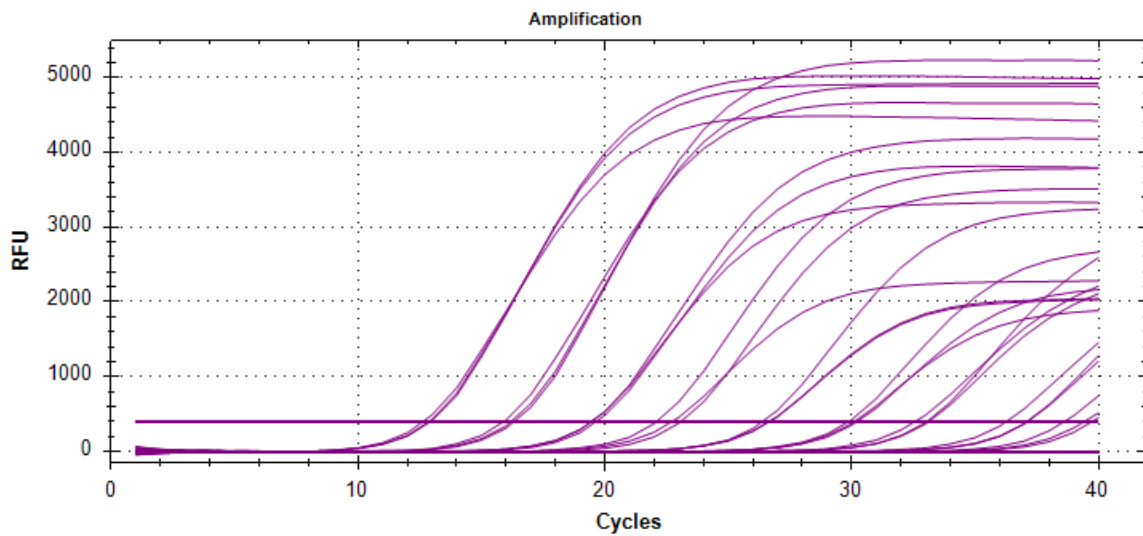


Figure 6: Standard amplification curves for Campylobacter lari

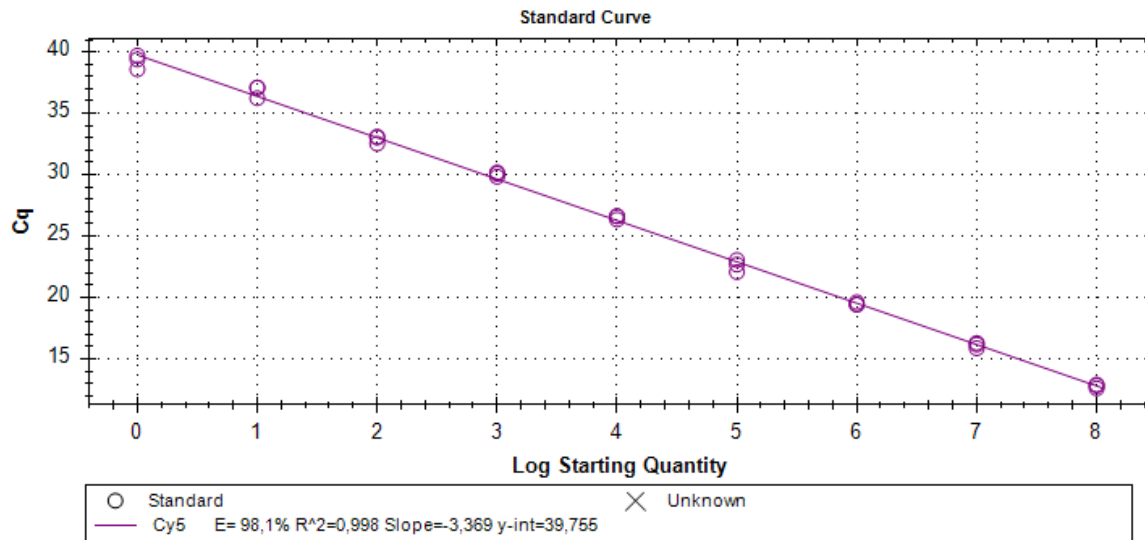


Figure 7: Standard amplification curves for *Campylobacter lari*

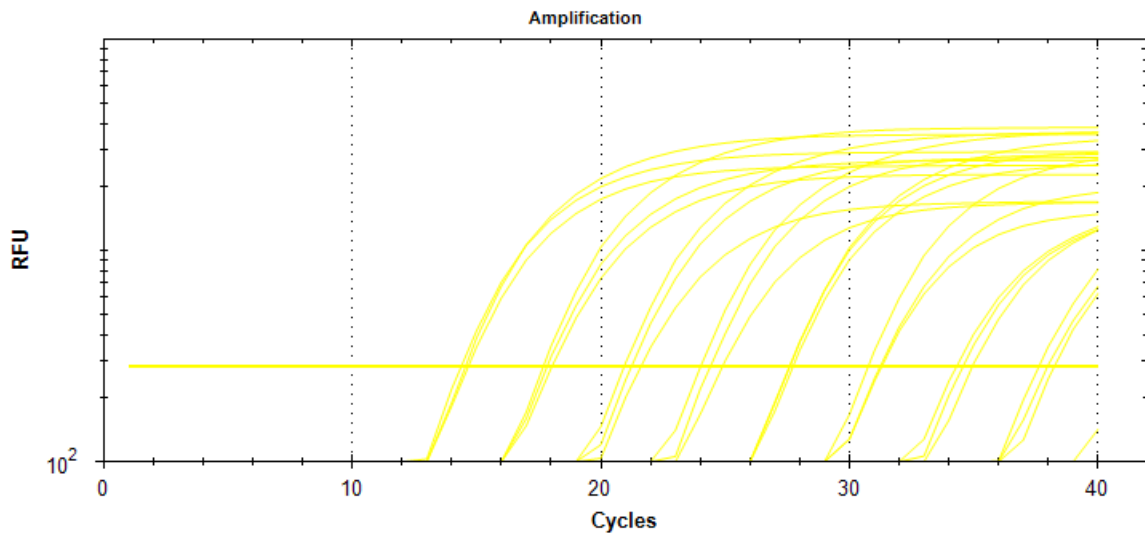


Figure 8: Logarithmic amplification curves for *Campylobacter coli*

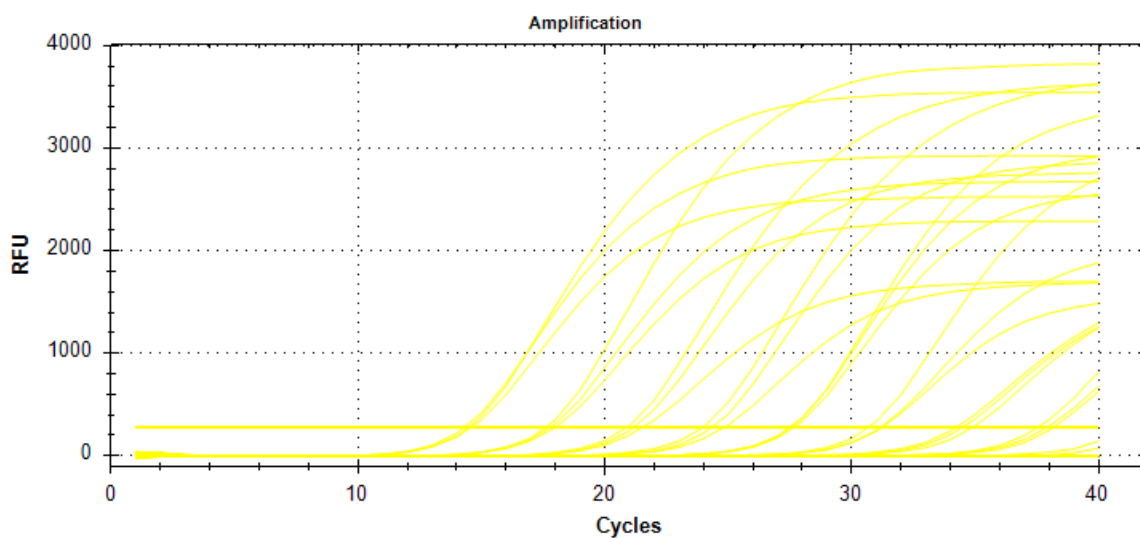


Figure 9: Standard amplification curves for *Campylobacter coli*

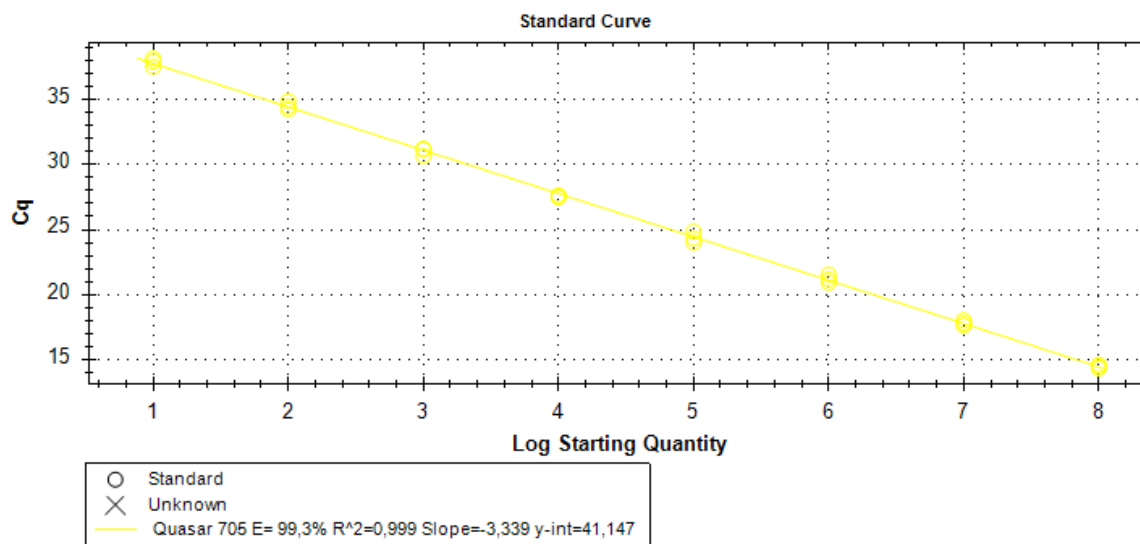


Figure 10: Standard curve for *Campylobacter coli*

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>Campylobacter jejuni</i>	1	FAM	13,34
	2	FAM	16,53
	3	FAM	19,83
	4	FAM	23,19
	5	FAM	26,44
	6	FAM	30,17
	7	FAM	32,75
	8	FAM	37,84
	Negative Control	FAM	Undetermined

<i>Campylobacter lari</i>	1	CY5	12,60
	2	CY5	16,30
	3	CY5	19,43
	4	CY5	22,69
	5	CY5	26,61
	6	CY5	30,19
	7	CY5	33,04
	8	CY5	36,24
	Negative Control	CY5	Undetermined

<i>Campylobacter coli</i>	1	CY5.5	14,45
	2	CY5.5	17,77
	3	CY5.5	20,90
	4	CY5.5	24,85
	5	CY5.5	27,51
	6	CY5.5	31,18
	7	CY5.5	34,91
	8	CY5.5	37,54
	Negative Control	CY5.5	Undetermined

