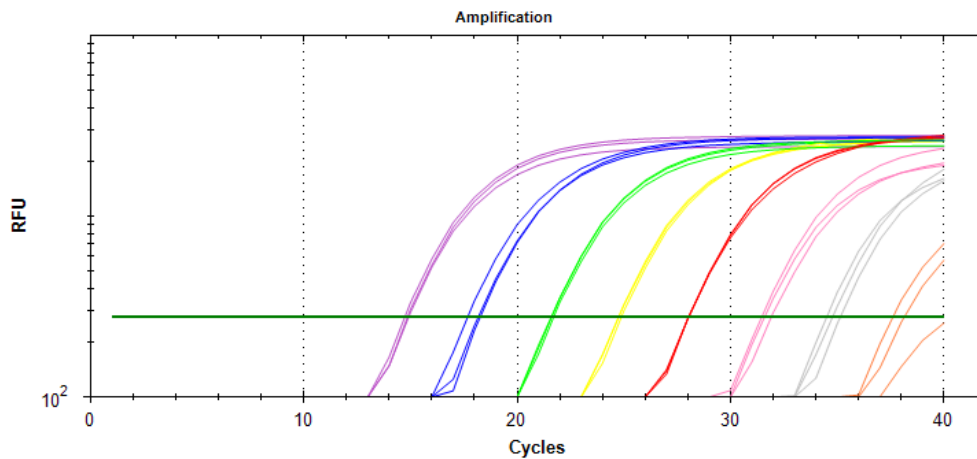


# PCR Kit Quality Control Certificate

<b>Pathogen</b>
<i>Roseburia spp.</i>

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

	1	2	3	4	5	6	7	8	9
	$1 \times 10^{-1}$	$1 \times 10^{-2}$	$1 \times 10^{-3}$	$1 \times 10^{-4}$	$1 \times 10^{-5}$	$1 \times 10^{-6}$	$1 \times 10^{-7}$	$1 \times 10^{-8}$	$1 \times 10^{-9}$
N° of copies	$1 \times 10^8$	$1 \times 10^7$	$1 \times 10^6$	$1 \times 10^5$	$1 \times 10^4$	$1 \times 10^3$	$1 \times 10^2$	$1 \times 10^1$	$1 \times 10^0$



*Figure 1: Logarithmic amplification curves for Roseburia spp.*

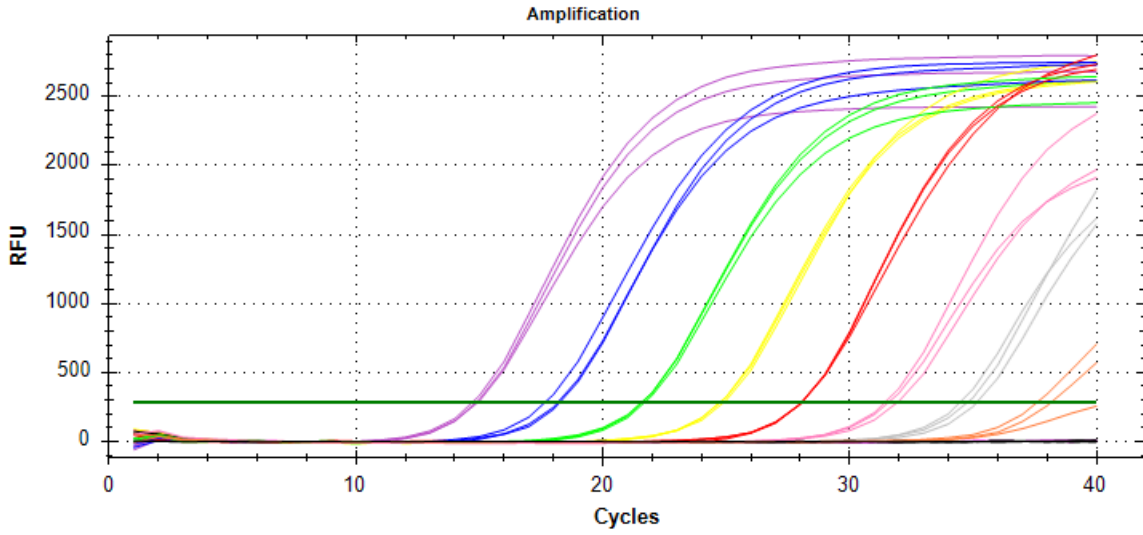


Figure 2: Standard amplification curves for *Roseburia* spp.

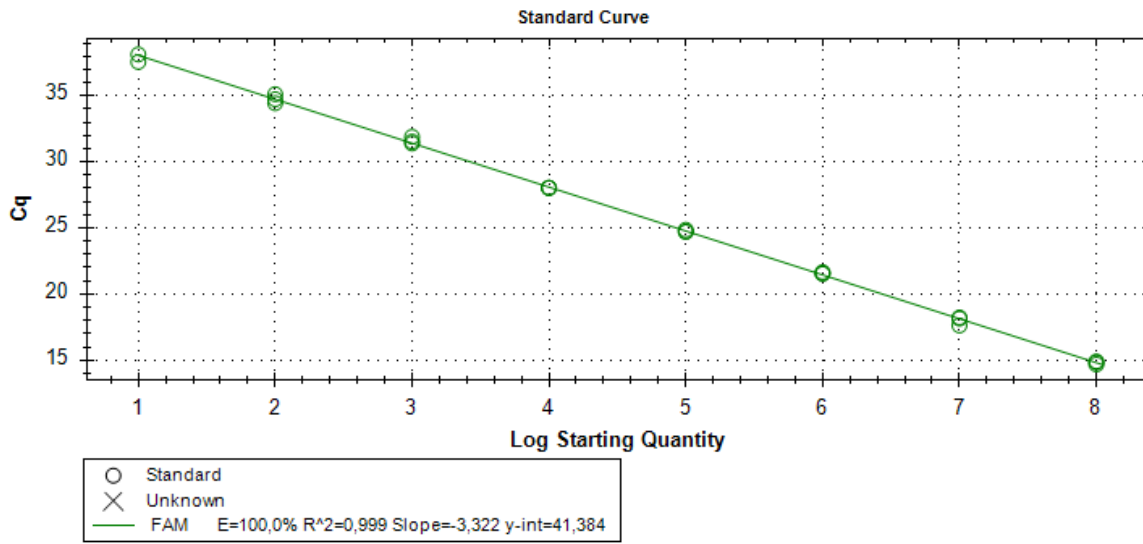


Figure 3: Standard curve for *Roseburia* spp.

## Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Roseburia spp.</i>	1	FAM	14,86
	2	FAM	18,20
	3	FAM	21,62
	4	FAM	24,82
	5	FAM	28,00
	6	FAM	31,86
	7	FAM	35,10
	8	FAM	38,09
	Negative Control	FAM	Undetermined