BioinGentech
Biotechnology

PCR Kit Quality Control Certificate

Pathogen
Clostridium spp.

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

	1	2	3	4	5	6	7	8
	$1x10^{-1}$	$1x10^{-2}$	$1x10^{-3}$	$1x10^{-4}$	$1x10^{-5}$	$1x10^{-6}$	$1x10^{-7}$	$1x10^{-8}$
N° of copies	$1x10^{8}$	$1x10^{7}$	$1x10^{6}$	$1x10^{5}$	$1x10^{4}$	$1x10^{3}$	$1x10^{2}$	$1x10^{1}$

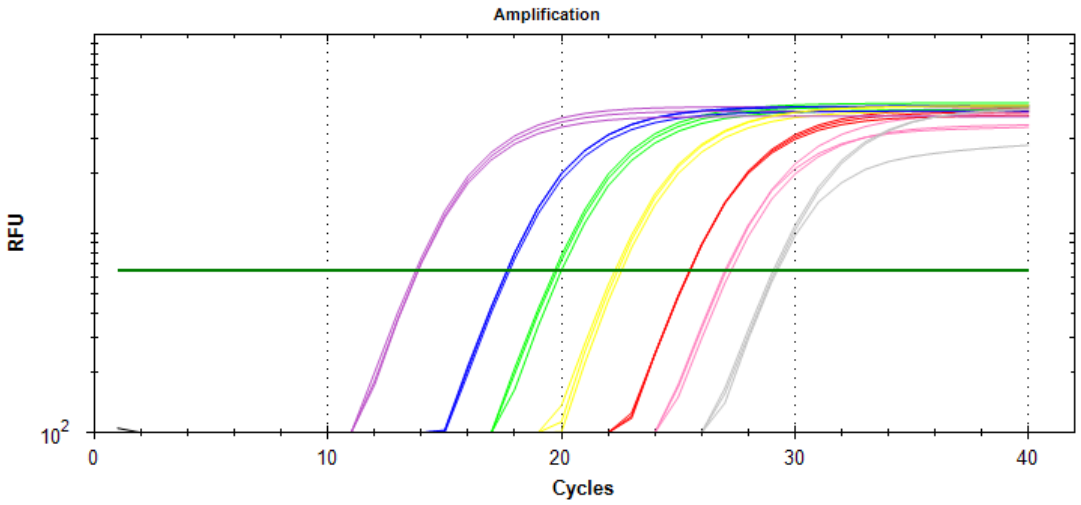


Figure 1: Logarithmic amplification curves for Clostridium spp.

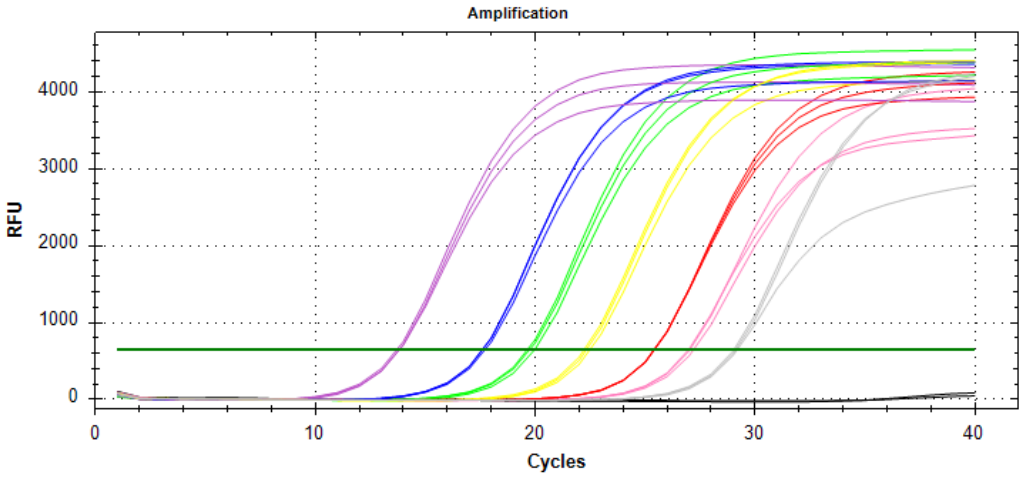


Figure 2: Standard amplification curves for Clostridium spp.

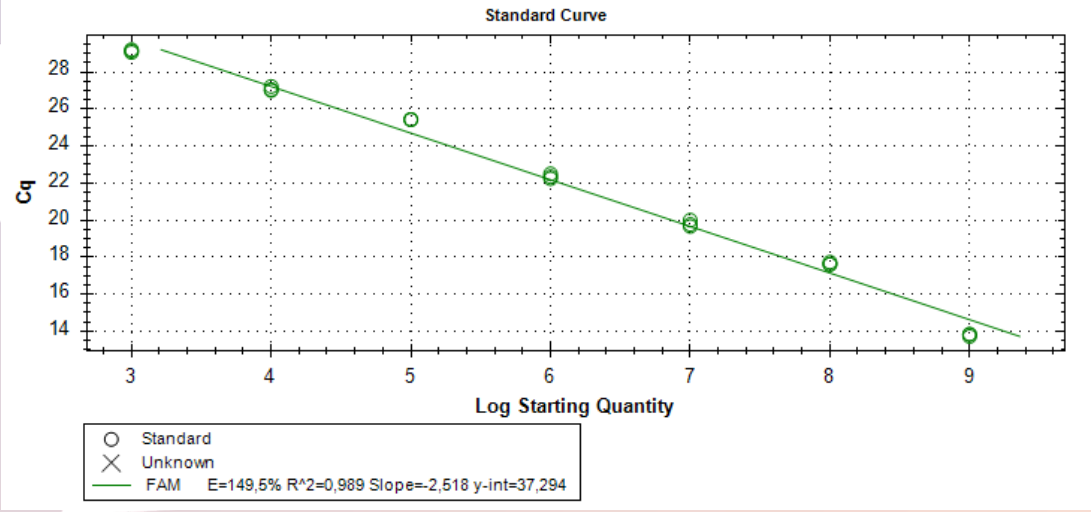


Figure 3: Standard curve for Clostridium spp.

Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
Clostridium spp.	1	FAM	13,72
	2	FAM	17,73
	3	FAM	19,66
	4	FAM	22,24
	5	FAM	25,43
	6	FAM	27,22
	7	FAM	29,14
	8	FAM	-
	Negative Control	FAM	Undetermined

Certificate validated by:

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Quality Control Managers