

PCR Kit Quality Control Certificate

Pathogen
<i>Aphelenchoides besseyi</i>

Table 1: Concentration in ng/ μ L 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

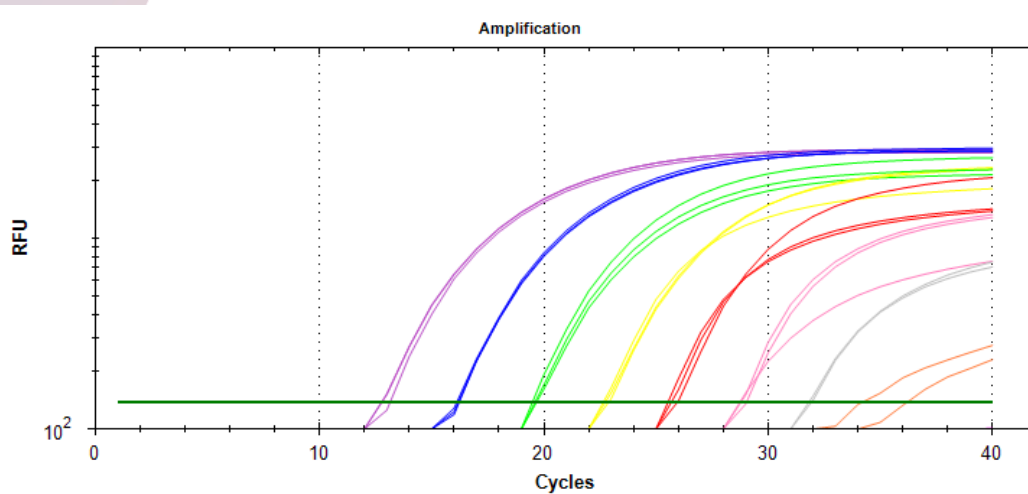


Figure 1: Logarithmic amplification curves for *Aphelenchoides besseyi*

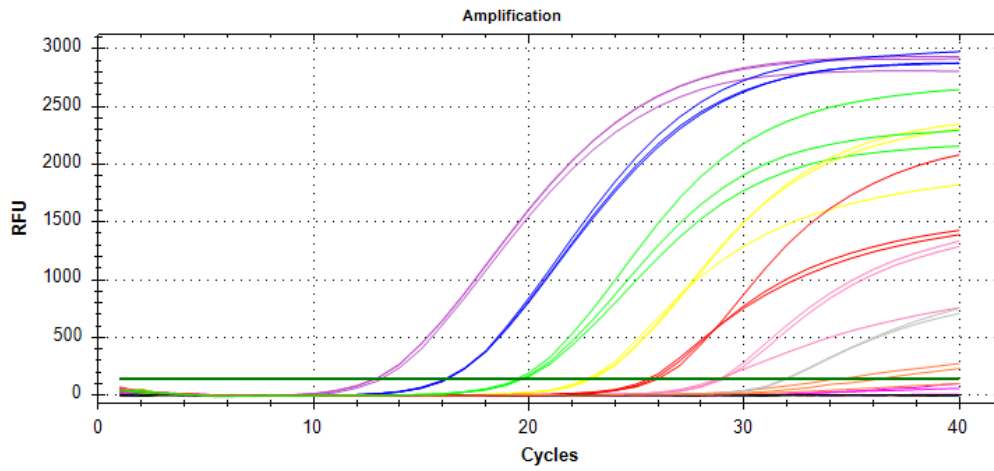


Figure 2: Standard amplification curves for *Aphelenchoides besseyi*

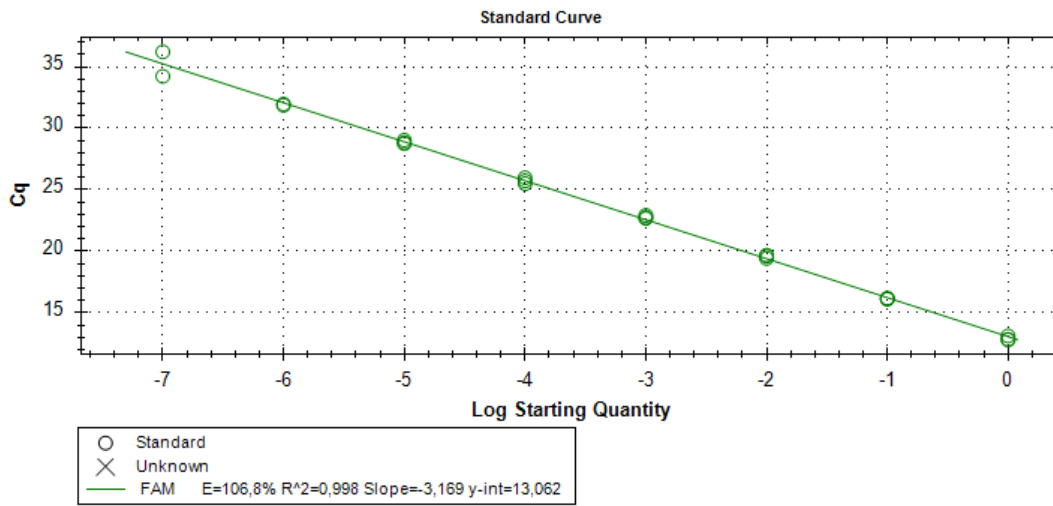


Figure 3: Standard curve for *Aphelenchoides besseyi*

Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Aphelenchoides besseyi</i>	1	FAM	12,8
	2	FAM	16,18
	3	FAM	19,42
	4	FAM	22,93
	5	FAM	25,98
	6	FAM	28,75
	7	FAM	31,87
	8	FAM	36,21
	Negative Control	FAM	Undetermined

Certificate validated by:

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Quality Control Managers