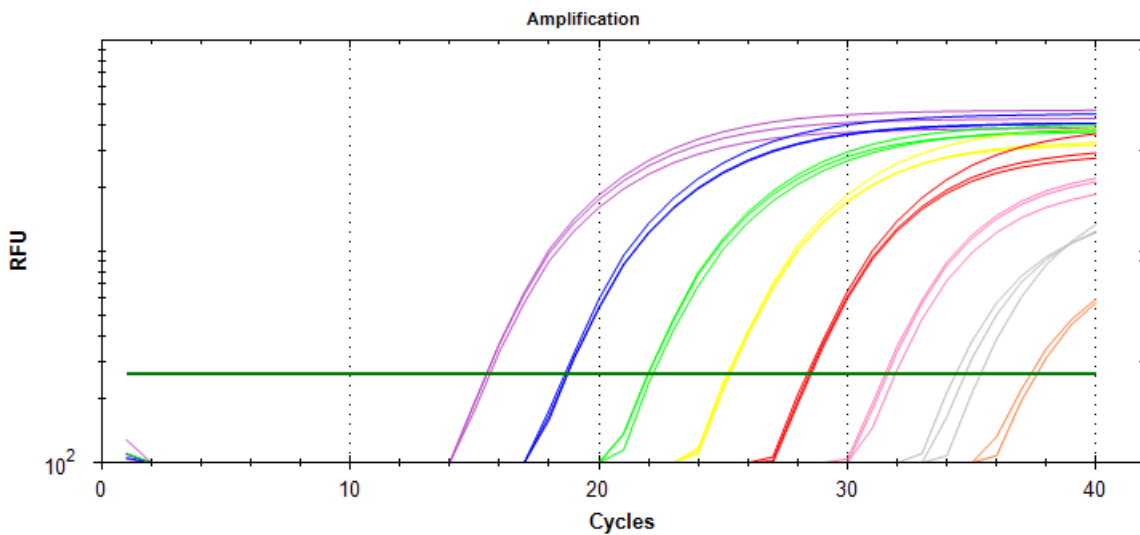


# PCR Kit Quality Control Certificate

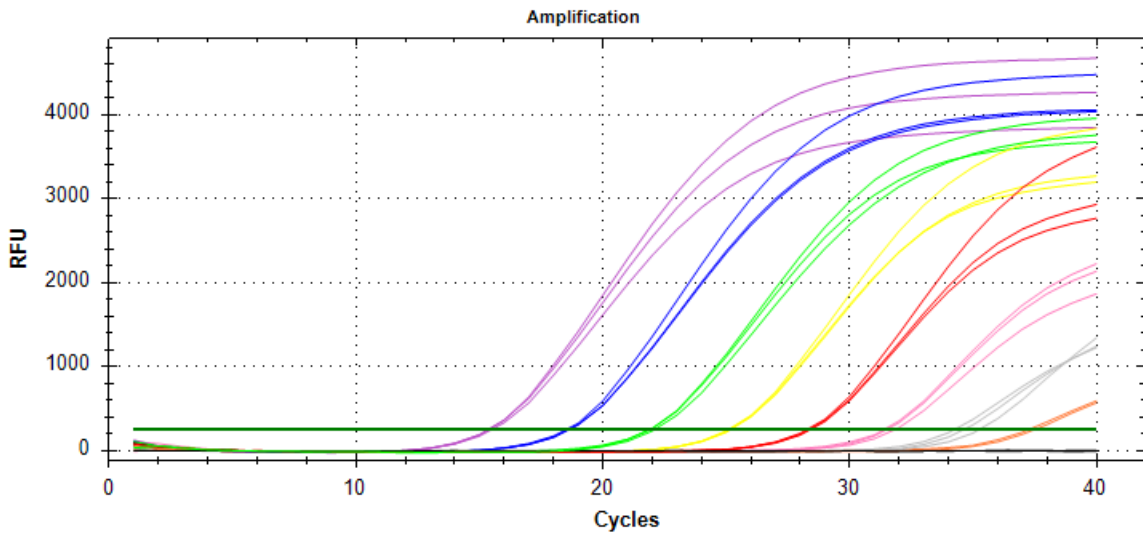
<b>Pathogen</b>
<i>Ustilago tritici</i>

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

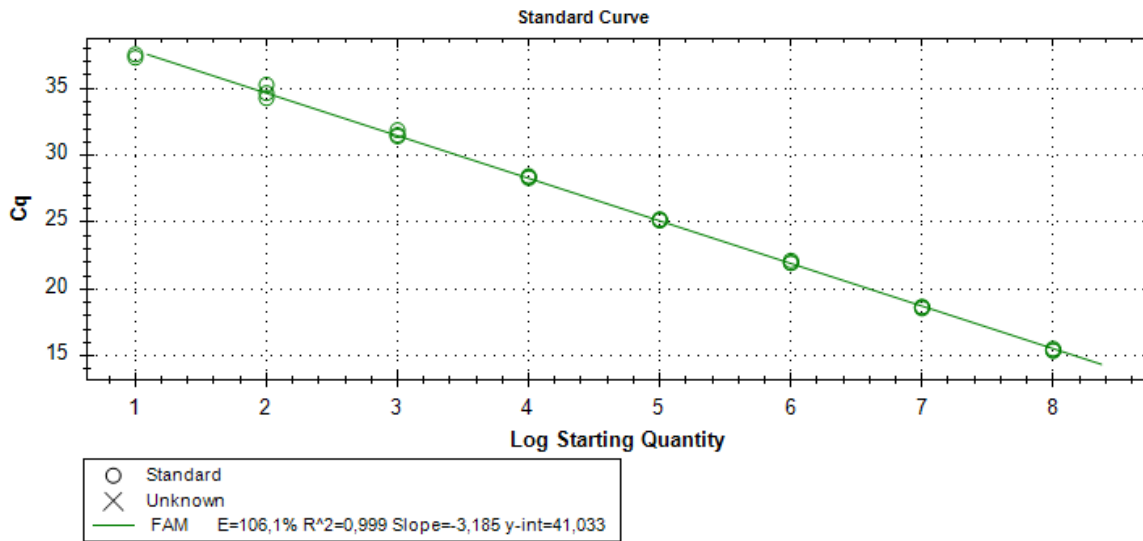
	1	2	3	4	5	6	7	8	9
	$1 \times 10^{-1}$	$1 \times 10^{-2}$	$1 \times 10^{-3}$	$1 \times 10^{-4}$	$1 \times 10^{-5}$	$1 \times 10^{-6}$	$1 \times 10^{-7}$	$1 \times 10^{-8}$	$1 \times 10^{-9}$
N° of copies	$1 \times 10^8$	$1 \times 10^7$	$1 \times 10^6$	$1 \times 10^5$	$1 \times 10^4$	$1 \times 10^3$	$1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



**Figure 1: Logarithmic amplification curves for *Ustilago tritici***



**Figure 2: Standard amplification curves for *Ustilago tritici***



**Figure 3: Standard curve for *Ustilago tritici***

## Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Ustilago tritici</i>	1	FAM	15,57
	2	FAM	18,63
	3	FAM	21,91
	4	FAM	25,11
	5	FAM	28,41
	6	FAM	31,43
	7	FAM	35,28
	8	FAM	37,51
	Negative Control	FAM	Undetermined