PCR Kit Quality Control Certificate

Pathogen
Eimeria meleagridis

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	$1x10^{8}$	$1x10^{7}$	$1x10^{6}$	$1x10^{5}$	$1x10^{4}$	$1x10^{3}$	$1x10^{2}$	$1x10^{1}$

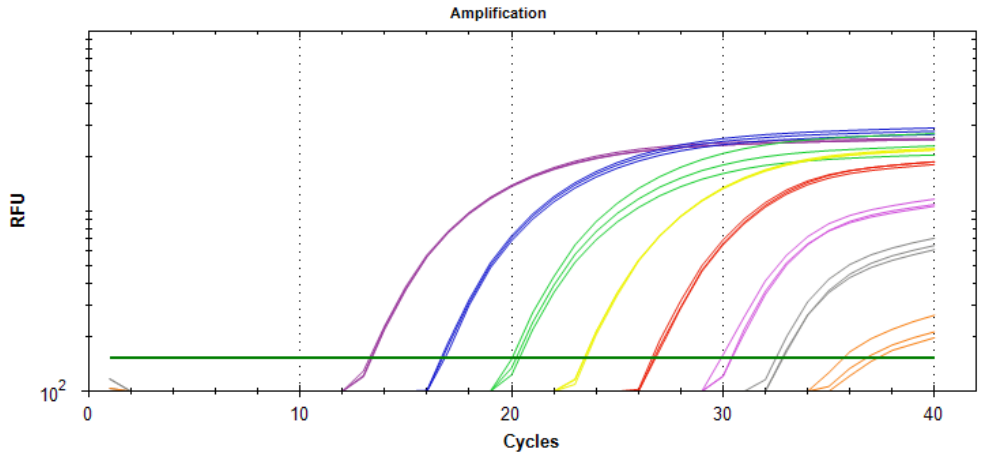


Figure 1: Logarithmic amplification curves for Eimeria meleagridis

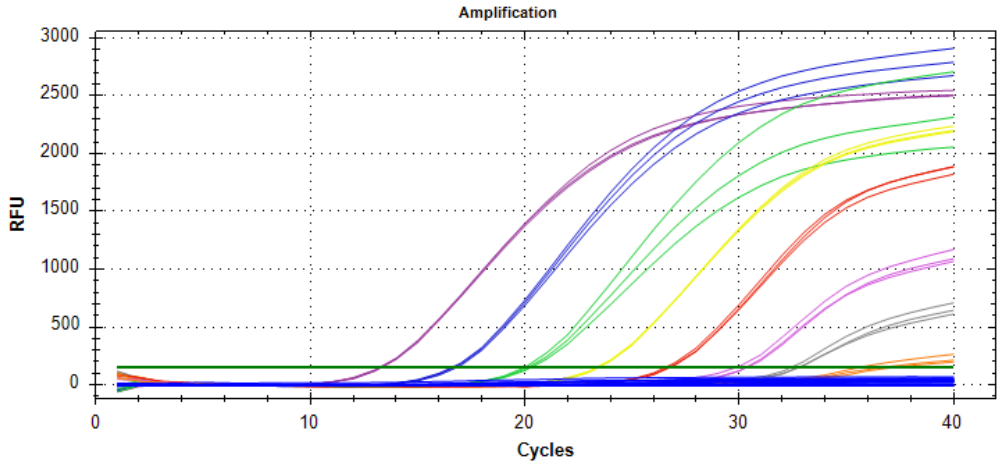


Figure 2: Standard amplification curves for Eimeria meleagridis

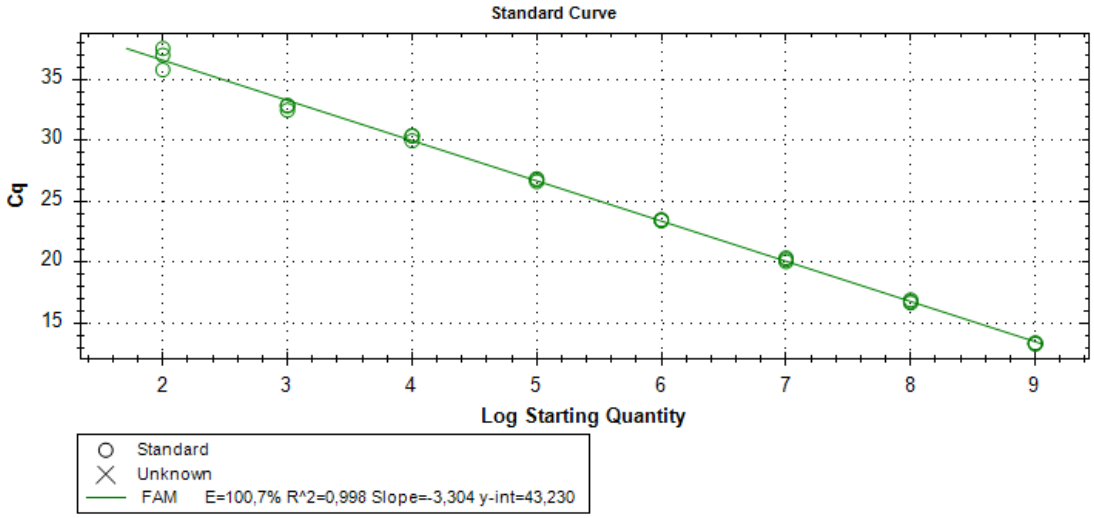


Figure 3: Standard curve for Eimeria meleagridis

Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
Eimeria meleagridis	**1**	**FAM**	**13,33**
	2	**FAM**	**16,62**
	3	**FAM**	**20,03**
	4	**FAM**	**23,39**
	5	**FAM**	**26,63**
	6	**FAM**	**30,33**
	7	**FAM**	**32,78**
	8	**FAM**	**35,69**
	Negative Control	**FAM**	Undetermined

Certificate validated by:

BQ. Benjamín Catalán - BQ. Rodrigo Iturra Barra

Quality Control Managers