BioinGentech
Biotechnology

PCR Kit Quality Control Certificate

Pathogen
Infectious Bursal Disease Virus A1/A3

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

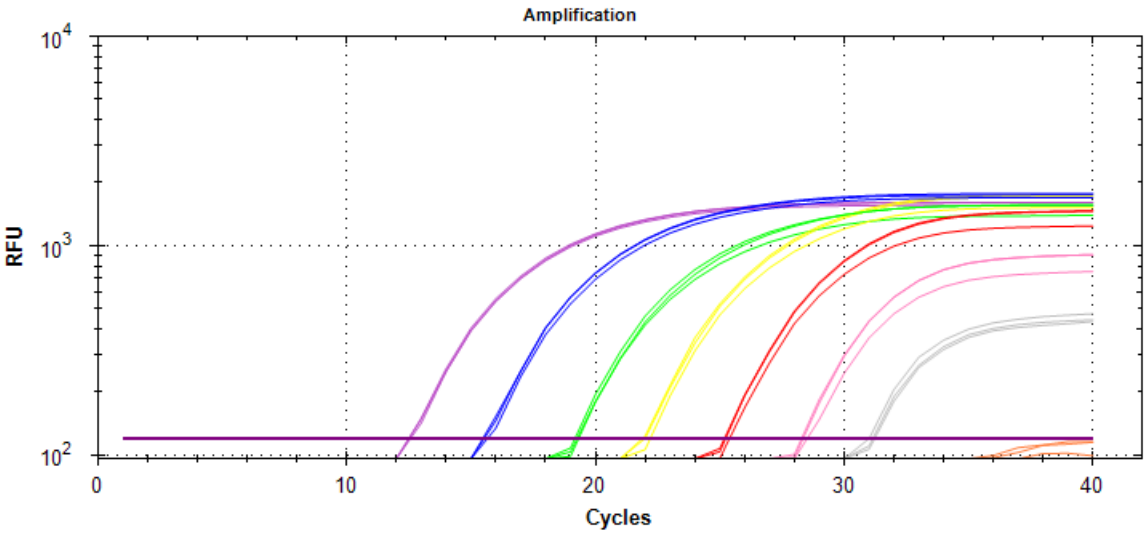


Figure 1: Logarithmic amplification curves for Infectious Bursal Disease Virus A1/A3

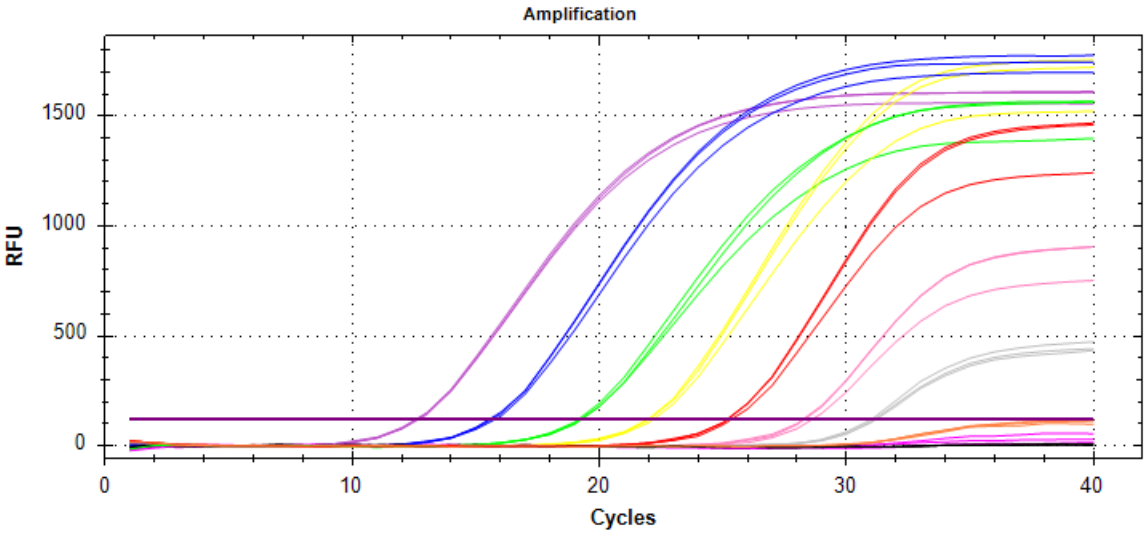


Figure 2: Standard amplification curves for Infectious Bursal Disease Virus A1/A3

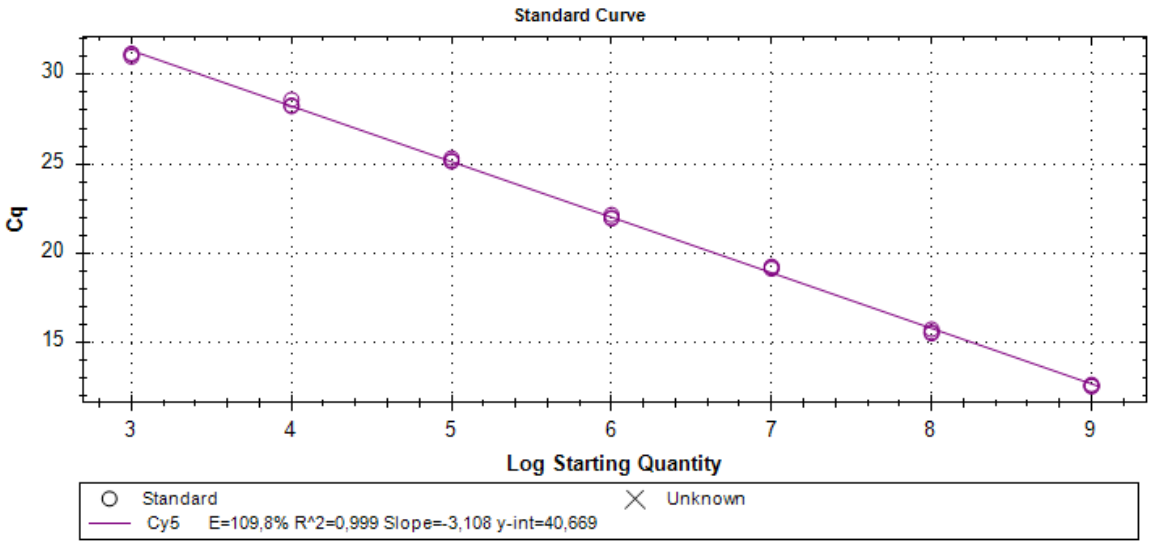


Figure 3: Standard curve for Infectious Bursal Disease Virus A1/A3

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Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
Infectious Bursal Disease Virus A1/A3	1	CY5	12,66
	2	CY5	15,52
	3	CY5	19,27
	4	CY5	22,16
	5	CY5	25,15
	6	CY5	28,6
	7	CY5	31,12
	8	CY5	-
	Negative Control	CY5	Undetermined

Certificate validated by:

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Quality Control Managers