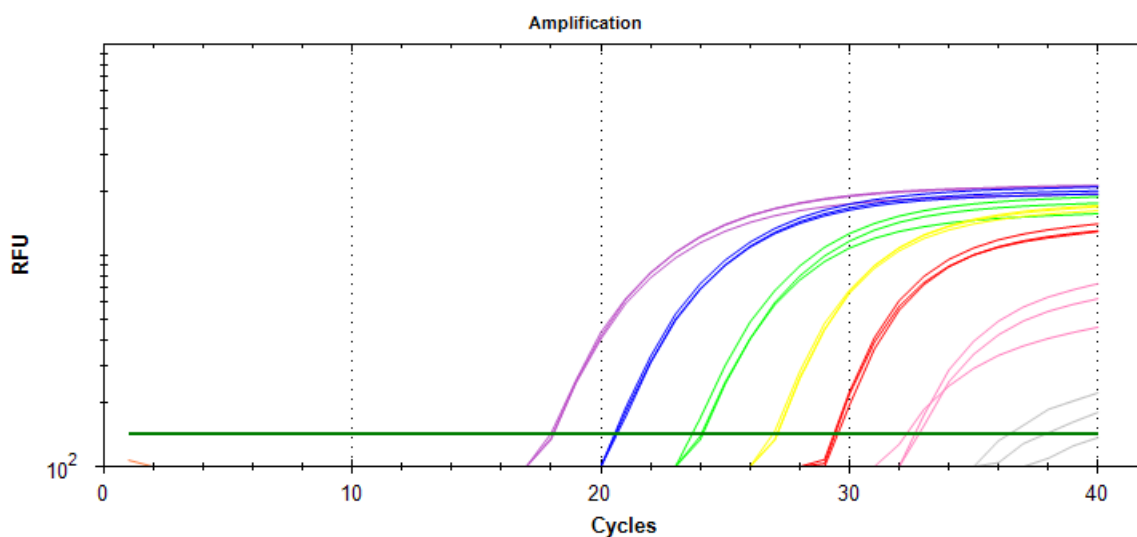


## PCR Kit Quality Control Certificate

| Pathogen                       |
|--------------------------------|
| <i>Globodera rostochiensis</i> |

**Table 1: Concentration in ng/ $\mu$ L 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 *Globodera rostochiensis***

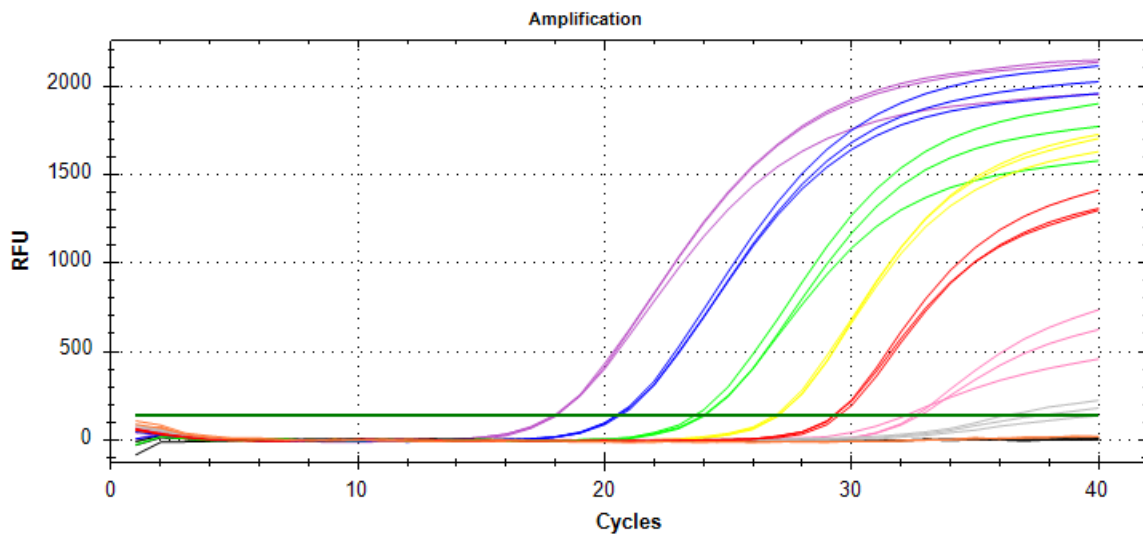


Figure 2: Standard amplification curves for *Globodera rostochiensis*

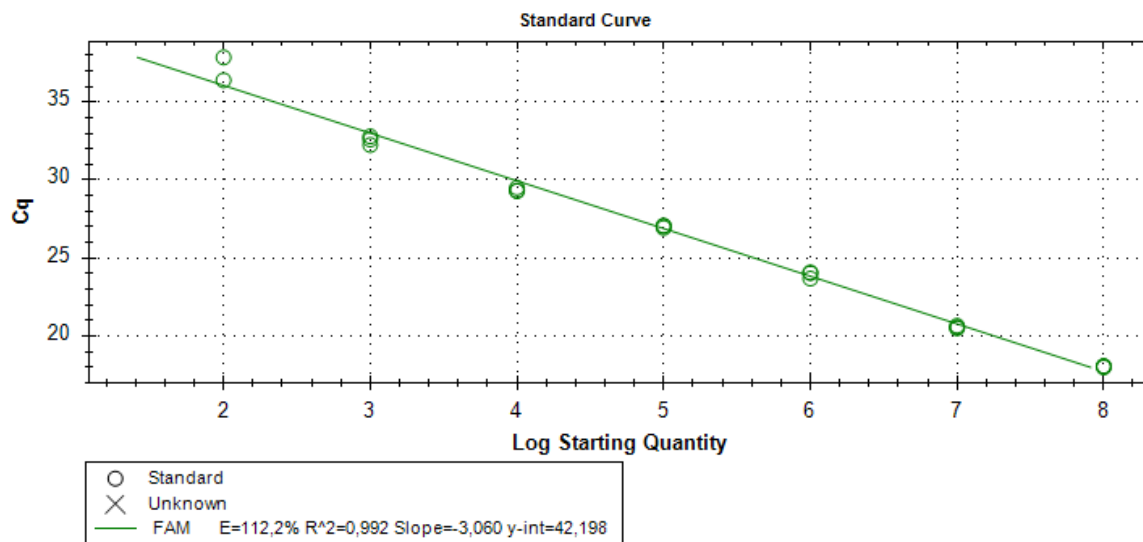


Figure 3: Standard curve for *Globodera rostochiensis*

## Summary of Ct values

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

| Target Name                    | Sample Name      | Reporter | Ct values    |
|--------------------------------|------------------|----------|--------------|
| <i>Globodera rostochiensis</i> | 1                | FAM      | 18,05        |
|                                | 2                | FAM      | 20,49        |
|                                | 3                | FAM      | 24,08        |
|                                | 4                | FAM      | 26,93        |
|                                | 5                | FAM      | 29,28        |
|                                | 6                | FAM      | 32,28        |
|                                | 7                | FAM      | 36,48        |
|                                | 8                | FAM      | -            |
|                                | Negative Control | FAM      | Undetermined |