



Lot quality report:

SYL175 – *Scyliorhinus
canicula* qPCR detection

LOT# 241115

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SYL175 Lot quality report

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1. Procedure

Experimental procedure was performed as described in the technical information document of SYL175 – *Scyliorhinus canicula* qPCR detection kit and of SYL1003 - eDNA qPCR master mix.

1.1 Components used in this lot quality analysis

Table 1: Specific components covered under this Lot validation:

Name	Ref number	LOT number
10 x Primer/probe mix	SYL175-1	241115-1
Positive control 10 ³ /2 µl	SYL175-2	241121

Table 2: Lot numbers of components eDNA qPCR master mix (SYL1003) tested for this Lot validation:

Name	Ref number	LOT number
eTaq DNA polymerase	SYL1003-1	241022
eTaq qPCR mix (2x)	SYL1003-2	241015
PCR grade water	SYL1003-3	220407

Table 3: Additional components, consumables and equipment used for this Lot validation:

Name	Manufacture	Ref number
CFX-96™ Real-Time System	Biorad	
PCR plate without skirt	Sarstedt	721.978.202
SafeSeal micro tube 2 ml	Sarstedt	72.695.500
Biosphere filter tips	Sarstedt	70.760.213
Biosphere filter tips	Sarstedt	70.760.211
Biosphere filter tips	Sarstedt	703.050.255
Sealing tape	Sarstedt	951.994

1.2 Used controls

Name	Replicas
PCR negative controls	88 x
1000 molecules positive controls	2 x
100 molecules positive controls	2 x
10 molecules positive controls	2 x
1 molecule positive controls	2 x

2. Results Lot validation

No contaminations were found using components mentioned in section 1.1.
All positive controls gave expected signals. (See fig. 1 and table 4)

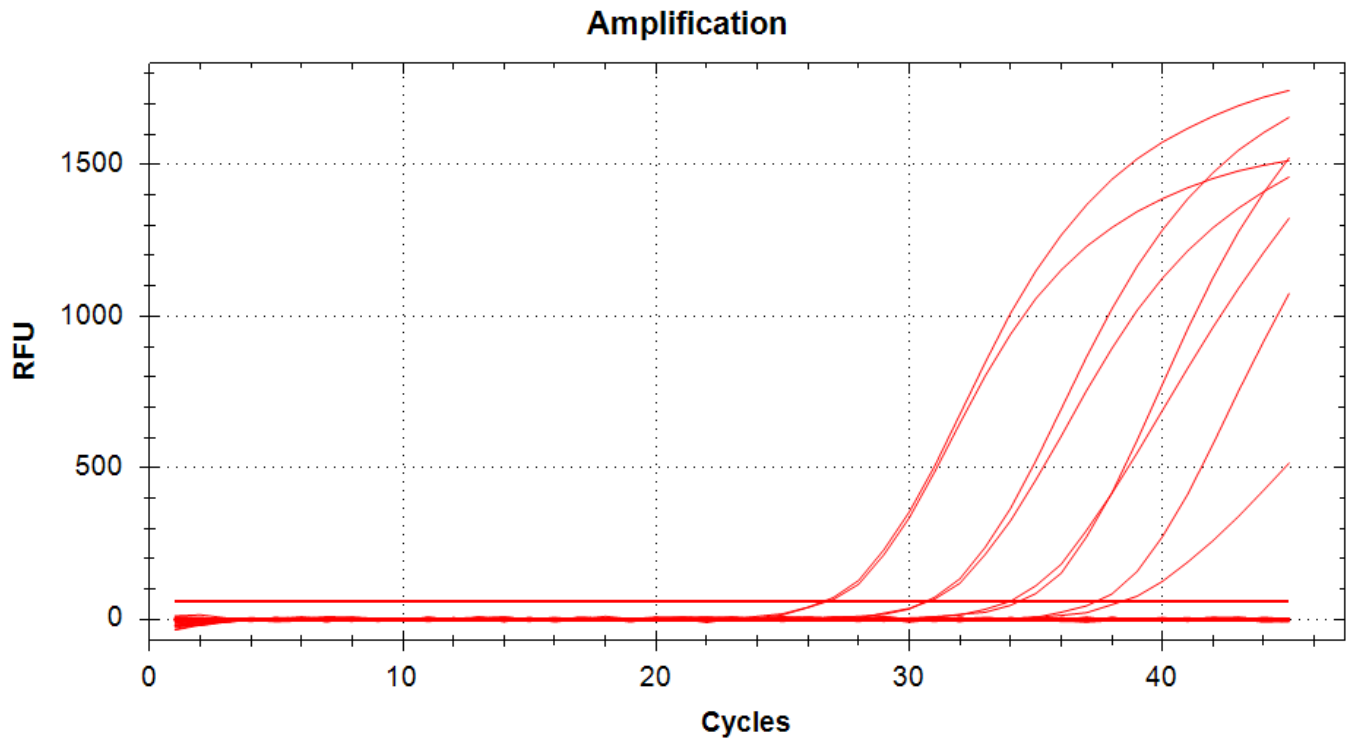


Fig. 2 Amplification plot of SYL175 – *Scyliorhinus canicula* qPCR detection kit with 1, 10, 100 and 1000 target DNA molecules per reaction performed in duplo. (241120-5.pcrd)

Name	Positive signal	Negative signal
PCR negative controls	0	88
1000 molecules positive controls	2	0
100 molecules positive controls	2	0
10 molecules positive controls	2	0
1 molecule positive controls	2	0

3. Conclusion

All components as described in section 1.1 have past lot quality control to be used in SYL175 – *Scyliorhinus canicula* qPCR detection kit.



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