

SCRIPTTOOLS

reverse transcription in your hands

Are you looking for

- ... high specific RT-PCR assays?
- ... sensitive signal?
- ... amplification of difficult targets?
- ... high temperature RT with specific primers?
- ... easy and quick experiments?

Biotoools has it! Retrotranscription up to 77°C

Biotoools offers RT-PCR kits with high transcriptional efficiency, as well as high yield, sensitivity and specificity for your RT-PCR needs, including end-point and real time quantitative RT-PCR detection kits.

→ **Scriptools Quantimix SYG kit** allows nucleic acid amplifications by **Real Time** using the SYBR®green dye.

The kit comes with two **high-performance enzymes**:

- a robust thermostable reverse transcriptase
- and a high fidelity (Pfu) DNA Polymerase.

The necessary reagents are provided for both reactions and added to a single reaction tube offering a rapid and easy-to-handle format.

→ **Scriptools OneStep kits** with proofreading activity, is optimised for an efficient and specific **reverse transcription** of RNA molecules and the amplification of the resulting cDNA.

The reaction system resolves **difficult RNA templates** and ensures **high amplification fidelity**.

The OneStep format reduces variability and contamination risks, thus improving the **reproducibility** of RT-PCR results.



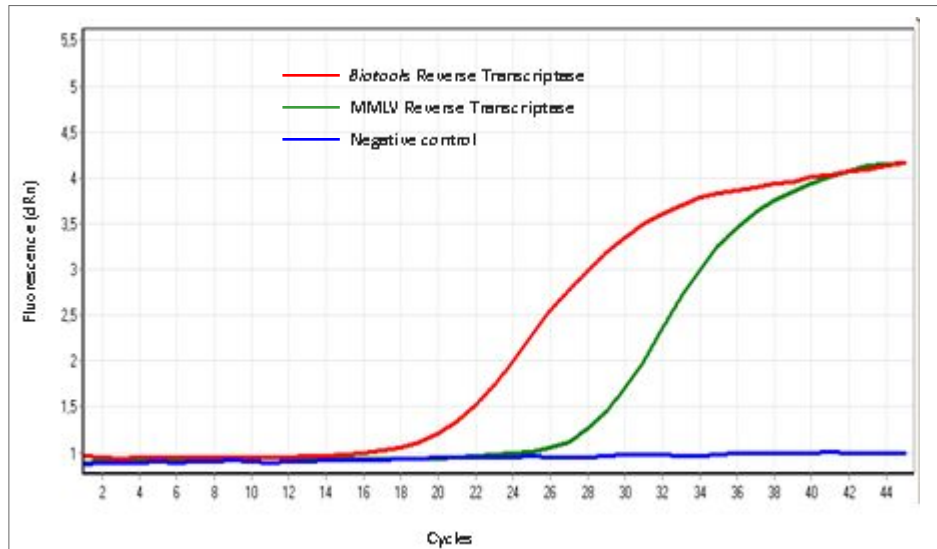


Figure 1. High Sensitivity in qRT-PCR
Bioteools Reverse Transcriptase is more sensitive than MMLV Reverse Transcriptase, delivering an earlier Ct value.

ScripTools Quantimix SYG kit

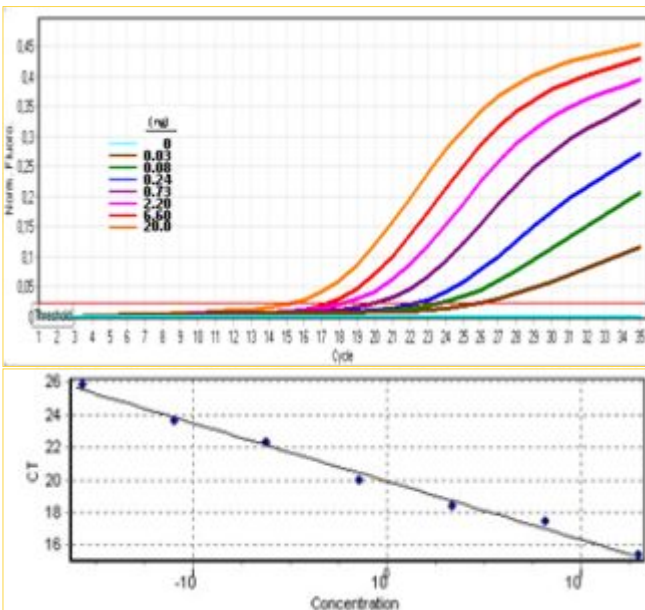


Figure 2. Sensitivity and Linearity in qRT-PCR

ScripTools Quantimix SYG kit displays a high sensitivity and linearity ($R^2:0.99$), delivering an earlier Ct value across a wider range of RNA target (from 0.02 to 20 ng). Reaction efficiency: 91%.

ScripTools OneStep kit

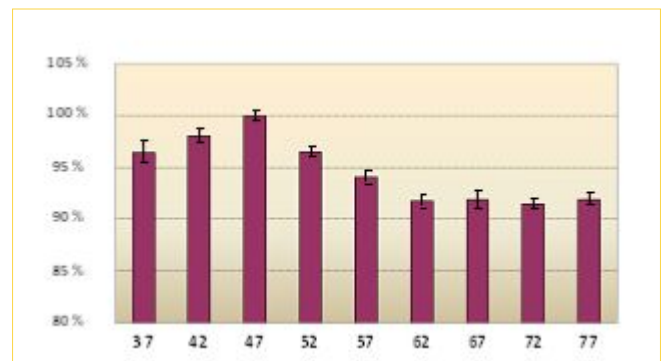


Figure 3. High Activity in a Broad Thermal Profile

The retrotranscriptase included in **ScripTools OneStep kit** retains over 90% of its activity from 37°C to 77°C in a broad temporary profile (from 10 to 90 min). The data shown is for 30 min.

Ordering information

Real Time

ScripTools QuantiMix Kits - Real Time amplifications

10.621	ScripTools-QUANTIMIX SYG Kit	100 rxns
10.622	ScripTools-QUANTIMIX SYG Kit	200 rxns
10.623	ScripTools-QUANTIMIX SYG Kit	500 rxns

ScripTools QuantiMix Kits - Real Time amplifications with ROX

10.671	ScripTools-QUANTIMIX SYG Kit with ROX	100 rxns
10.672	ScripTools-QUANTIMIX SYG Kit with ROX	200 rxns
10.673	ScripTools-QUANTIMIX SYG Kit with ROX	500 rxns

End Point

ScripTools- reverse transcription kits in OneStep

10.071	ScripTools OneStep Kit	25 rxns
10.072	ScripTools OneStep Kit	50 rxns
10.073	ScripTools OneStep Kit	100 rxns

Additional information at info.bioteools.eu or at www.bioteools.eu/reverse_transcription.html

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