

# SG OneStep PRO RT-qPCR kit

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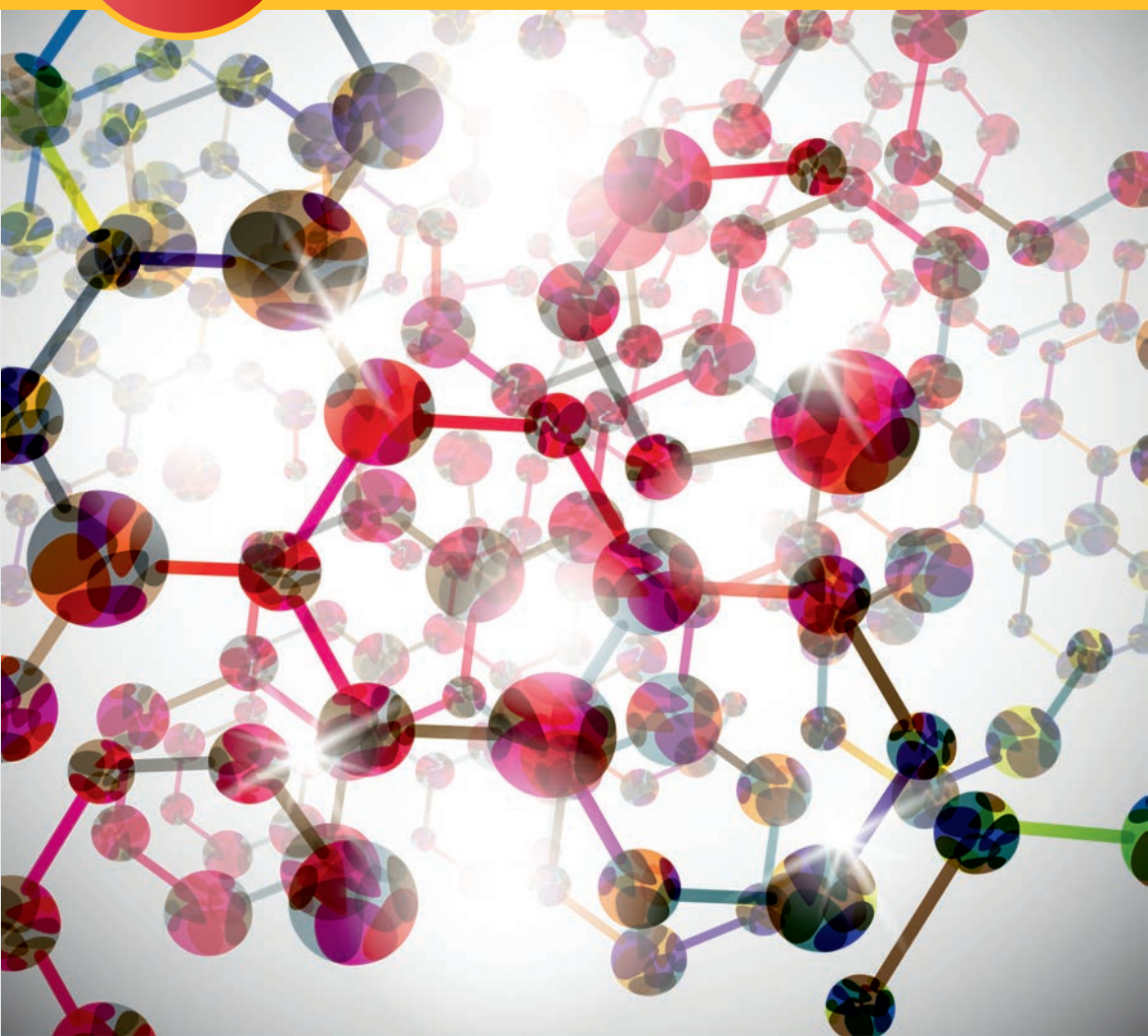
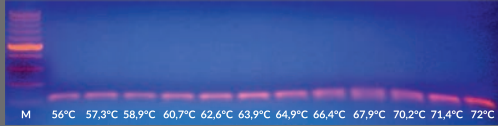


Fig.1



Fig.2



RT-qPCR targeting the Human CD48 receptor (Fig.1) and Beta-actin (Fig. 2) over a wide temperature range for the reverse transcription step. 10 ng of total RNA isolated from human blood was used in a 20 ul reaction. M - Perfect 100-1000 bp DNA Ladder(E3141)

## SG OneStep PRO RT-qPCR kit

E0825-01

25 reactions

E0825-02

100 reactions

SG OneStep PRO RT-qPCR kit is one-step RT-qPCR kit that provides accurate real-time quantification of RNA targets. The kit consists of unique, proofreading thermostable reverse transcriptase and DNA Polymerase in an easy-to-use format.



# experiments with quality

[www.eurx.com.pl](http://www.eurx.com.pl)

- Proofreading and thermostable reaction
- Simple and fast
- Easy set up
- Convenient one-tube reaction
- Easy processing of large numbers of samples
- Reduced chance of contamination
- High sensitivity

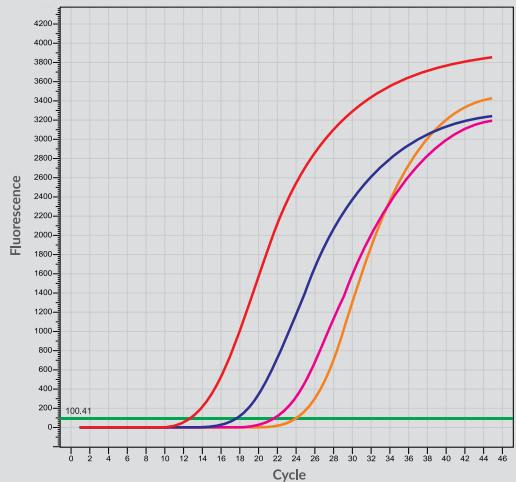


Fig.3 RT-qPCR reaction targeting four different genes. 10 ng of total RNA isolated from Human blood with GeneMATRIX HUMAN BLOOD RNA Purification Kit (E3596) was used to synthesize total PCR fragments with dedicated primers and OneStep Pro RT-qPCR kit. Orange line - Arginase I, 149 bp, ct=24,3; pink line - Beta-tubulin, 131 bp, ct=22,1; blue line - CD48 receptor, 104 bp, ct=17,8; red line - Beta-actin, 112 bp, ct=13.