

Cenník rok 2019

katalóg	názov	balenie	cena bez DPH €	cena s DPH €
BIO-65042	Tetro cDNA Synthesis Kit	30 Reactions	162,0	178,2
BIO-65043	Tetro cDNA Synthesis Kit	100 Reactions	502,5	552,8
BIO-65048	MyTaq One-Step RT-PCR Kit	25 Reactions	158,3	174,1
BIO-65049	MyTaq One-Step RT-PCR Kit	100 Reactions	522,0	574,2
BIO-65050	Tetro Reverse Transcriptase Enzyme	10,000 Units	183,8	202,1
BIO-65051	Tetro Reverse Transcriptase Enzyme	4 x 10,000 u	645,8	710,3
BIO-65053	SensiFAST cDNA Synthesis Kit	50 Reactions	189,0	207,9
BIO-65054	SensiFAST cDNA Synthesis Kit	250 Reactions	828,8	911,6
BIO-27036	Bio Script	10 000 Units	189,0	207,9

MyTaq One-Step RT-PCR Kit - has been formulated for highly reproducible first-strand cDNA synthesis and subsequent PCR in a single tube. combination of the latest advances in buffer chemistry, together with a reverse transcriptase and hot-start DNA polymerase system, ensure that MyTaq One-Step RT-PCR Kit produces fast, highly-specific and ultra-sensitive one-step RT-PCR, from either total RNA or mRNA using gene-specific primers. The kit is ideal for determining the presence or absence of RNA templates and quantifying expression through qualitative, semi-quantitative or quantitative analysis of RNA transcription levels. The one-step format is also perfect for the synthesis of double-stranded cDNA products for subsequent gene-expression analysis. The cDNA can be synthesised with starting amounts of RNA template from 3pg to 1µg, over a broad temperature range (up to 50°C to overcome secondary structure and GC-rich sequences), prior to heating to 95°C to inactivate reverse transcriptase and simultaneously to activate the **MyTaq HS DNA Polymerase**.

Extremely sensitive - blend of RT and novel MyTaq HS

Highly optimized - for detection of low-copy genes

Superior performance - overcomes secondary structure in difficult and GC-rich targets

High-quality - full-length cDNA from as little as 3pg total RNA

Simple to use - all-in-one mix for highly-specific and ultrasensitive products for use in downstream appl.

Applications - Gene-expression analysis - Transcription analysis- Gene cloning - Multiplex RT-PCR MyTaq One-Step Kit consists of reverse transcriptase, 2x **MyTaq HS Mix** and a potent RNase Inhibitor, **RiboSafe**, that collectively create a simple to use all-in-one mix.

SensiFAST™ cDNA Synthesis Kit has been developed to generate high-quality first strand cDNA from total RNA template. The kit contains all necessary components in a unique TransAmp™ buffer system to deliver the highest quality cDNA. A blend of random and oligo(dT) primers provide robust, consistent and unbiased first-strand synthesis over a broad range of RNA template concentrations, making SensiFAST cDNA. Furthermore, SensiFAST cDNA Synthesis Kit will produce reliable, high performance results, in both real-time and conventional RT-PCR. **Appl**- Two-step RT-PCR, Two-step RT-qPCR.

Reproducible – unique rev. transcriptase and new TransAmp™ buffer generate consistent first-strand cDNA

Broad dynamic range – ideal for dilute and low-copy samples

Sensitive – real-time RT-PCR analysis from as little as 4pg of starting total RNA

Unbiased cDNA synthesis – complete 5' to 3' RNA sequence representation

Rapid – cDNA synthesis and real-time PCR in less than 60 minutes, ideal for high throughput appl.

A reverse transcriptase and new TransAmp™ buffer system delivers both highly efficient first strand synthesis and higher cDNA yields, leading to enhanced reproducibility and data accuracy, making SensiFAST cDNA Synthesis Kit ideal for working with limited samples, such as laser-microdissected samples and tissue biopsies. The TransAmp Buffer also employs a unique blend of random hexamer primers and anchored oligo dT to ensure unbiased 3' and 5' coverage and reverse transcription of all regions.

Tetro cDNA Synthesis Kit - is optimized for RT reactions over a wide range of total RNA concentrations (10pg-2µg), such that long and low-abundance cDNAs can be detected by amplification after cDNA synthesis. The kit contains oligo (dT)₁₈ and random hexamer primers together with control RNA template. The kit components are fully optimized to generate maximum yields of full-length cDNA.

Tetro Reverse Transcriptase is a MMLV Reverse Transcriptase, which exhibits high stability, with no loss of activity following 1 week at room temperature. Tetro Reverse Transcriptase is highly sensitive even when the amount of template is a limiting factor, with highly efficient and sensitive transcription, from as little as 10pg, up to 2mg of RNA. working temperature range 37°- 45°C, Reverse transcribes RNA templates up to 9Kb

BioScript™ is a Moloney Murine Leukaemia Virus (MMLV) Reverse Transcriptase possessing low RNase H activity and high sensitivity. BioScript is suitable for first-strand cDNA synthesis and cDNA library

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