



NEU!

AMPLIQON III

PCR ENZYMES & REAGENTS

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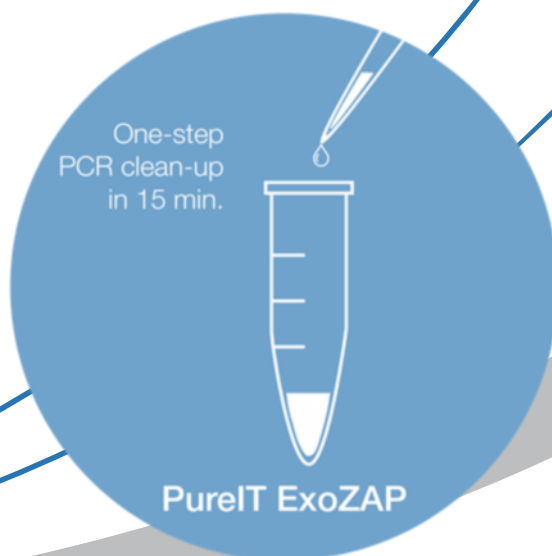
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PureIT ExoZAP PCR Clean-Up

One-step PCR clean-up

PureIT ExoZAP PCR CleanUp is based on a balanced combination of a heat labile Exonuclease I (HL-ExoI) and recombinant Shrimp Alkaline Phosphatase (rSAP). Treatment of amplified PCR products with PureIT ExoZAP removes residual primers, single-stranded DNA and dNTPs. Treated samples are ready for downstream applications such as DNA Sequencing and SNP analysis.

- One-Step protocol
- Improved DNA sequencing results
- Time-saving
- Fast - 15 min. Incubation time
- Minimal loss of PCR products



PureIT ExoZAP PCR Clean-Up (2µl/reaction):

100 reactions	1 x 0.2 ml	A620601	€ 80,00	€ 64,00
500 reactions	1 x 1.0 ml	A620603	€ 360,00	€ 288,00
2500 reactions	5 x 1.0 ml	A620606	€ 1.620,00	€ 1.296,00
5000 reactions	10 x 1.0 ml	A620607	€ 2.916,00	€ 2.332,80

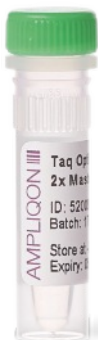
Aktionszeitraum: bis 31.12.2018



AL-LABORTECHNIK



Taq OptiMix CLEAR



Taq OptiMix CLEAR is an optimised format of Taq DNA Polymerase Master Mix with increased specificity and improved PCR performance, even on difficult templates.

Taq OptiMix CLEAR is composed of Ampliqon Taq DNA polymerase and an optimised PCR buffer system including dNTPs and magnesium chloride.

Taq OptiMix CLEAR is the perfect choice for standard PCR applications, screening and high throughput testing.



FEATURES

- Optimised Taq master mix
- All-in-one 2x master mix
- Timesaving reaction setup
- Increased specificity

2-STEP FAST PCR PROGRAM

31 minutes total

Cycler step	Temperature	Duration	Cycles
Initial heating	98 °C	40 sec.	1
Denaturation	92 °C	2 sec.	
Extension*	60 °C	2 sec.	30
Final extension	72 °C	20 sec.	1

* the extension temperature depends on the primer set. For fast PCR highest possible T_m values

Taq DNA Polymerase Master Mix RED

Taq DNA Polymerase Master Mix RED is a very popular red colored alternative to Taq DNA Polymerase Master Mix with the same advantages.

Taq DNA Polymerase Master Mix RED is composed of Ampliqon Taq DNA Polymerase, the ammonium PCR buffer system, dNTPs, red dye, a stabiliser and MgCl₂. The inert red dye and stabiliser are extra features, which allow direct loading onto your agarose gel for analysis.

FEATURES

- Optimised Taq master mix
- All-in-one 1.1 or 2x master mix
- Timesaving reaction setup
- Direct loading
- Easy visualisation
- Dye front at 300 - 1000 bp
- Few handling steps

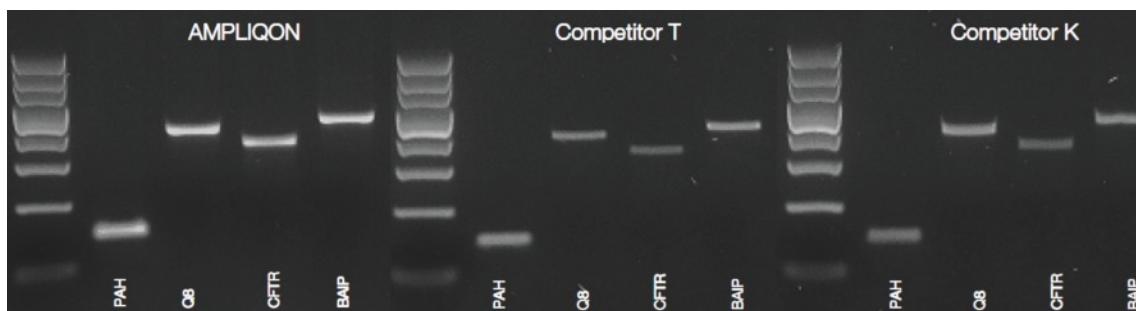


FAST PCR

Fast 2-step protocol available – PCR 31 min. time to result.



COMPARISON BETWEEN TAQ DNA POLYMERASE MASTER MIX RED AND TWO COMPETITORS



Ampliqon Taq DNA Polymerase Master Mix RED was compared with a Taq DNA Polymerase master mixes from two well recognised competitors. Four different DNA target varying in length PAH (203 bp), Q8 (727 bp), CFTR (613bp) and BAIP (788) were evaluated. Ampliqon Taq DNA Polymerase Master Mix RED performed equally well or better in this study. Each Amplification has been conducted according to supplier's manual.