



AQ97 High Fidelity DNA Polymerase **High specificity and robust amplification**

- High fidelity: >60x Taq DNA Polymerase
- Good coverage on DNA templates with low to high GC content
- Long range capacity: 18 kb for human gDNA
- High elongation rate: 10 sec/kb



Taq DNA Polymerase Master Mix RED **Visualisation and direct loading after PCR amplification**

- Ready-to-use PCR mix
- Direct loading onto agarose or SDS DNA gels
- Visualisation during pipetting, mixing and loading
- Timesaving – due to fewer handling steps



TEMPase Hot Start Master Mix BLUE **For direct gel loading**

- All-in-one PCR master mix for great convenience
- Convenient reaction setup at room temperature
- High specificity, sensitivity and product yield
- Easy visualisation of pipetting



RealQ Plus **Real-time PCR master mixes with high efficiency**

- All-in-one real-time PCR master mixes in two formats:
 - RealQ Plus Green - based on DNA-binding fluorescent dye detection
 - RealQ Plus for Probe – optimised for probe chemistries
- Convenient hot start capability for set up at room temperature
- Available with different levels of ROX™ reference dye



PureIT ExoZAP **One-step PCR clean-up**

- Fast – 5 minutes incubation time
- Improved DNA sequencing results
- No need for spin columns or magnetic beads



Taq OptiMix CLEAR

An optimised Taq master mix with increased specificity

- All-in-one optimised Taq 2x master mix
- Improved specificity
- Increased reproducibility



AQ97 High Fidelity DNA Polymerase 2x Master Mix

High specificity and robust amplification

- High fidelity: >60x Taq DNA Polymerase
- Good coverage on DNA templates with low to high GC content
- Long range capacity: 11 kb for human gDNA
- High elongation rate: 10 sec/kb



Multiplex TEMPase Master Mix

For fast and easy multiplexing

- Amplification of multiple targets in a single tube
- All-in-one master mix for convenient multiplexing
- High specificity, sensitivity and product yield
- Easy reaction setup at room temperature



GC TEMPase master mixes

Developed for the amplification of GC-rich DNA sequences

- High success rate of GC-rich DNA amplification
- High specificity, sensitivity and product yield
- Diminished formation of non-specific product
- Easy reaction setup at room temperature



Q-Extract DNA Extraction PCR Kits

Optimal solution for genotyping

- PCR-ready DNA in just 8 minutes
- Minimal handling
- DNA extracted from various mammalian tissues, plant leaves, bird feathers and fish fins



Loading buffers **Four different tracking dyes available**

- Ready-to-use buffers
- 5x formulation
- Four loading buffers with different dyes and migration fronts



Iqon DNA Ladders

- Blue dye front running at 100 - 300 bp at 0.5 - 1.6 % agarose
- Clear and distinct bands provide easy estimation of PCR product lengths
- Three variants available:
Mini DNA Ladder, 100 - 500 bp | Low DNA Ladder 100 - 1.000 bp | PCR Ladder, 100 - 3.000 bp



High quality dNTPs

- High purity: > 98% by HPLC
- Available as:
 - dNTP mixes – 40 mM or 100 mM - dNTP sets – 100 mM
 - Single dNTPs - 100 mM



PCR Grade Water **Ultrapure H₂O for PCR**

- Free of endonuclease, nicking and exonuclease activity
- Free of human DNA
- Available in different sizes: 5 ml, 500 ml or 1000 ml.



G2 DNA/RNA Enhancer **DNA/RNA extraction**

- Optimising DNA and RNA extraction efficiency
- Inhibition of DNA and RNA sorption to clay particles
- Increase microbial DNA and RNA yield from clay - at least 2-10 fold



Taq DNA Polymerase with Ammonium Buffer **High performance and product yield**

- dUTP incorporation possible
- Processes up to 5 kb
- No proofreading – lacks a 3' - 5' exonuclease activity
- Leaves 3'dA overhang



TEMPase Hot Start DNA Polymerase with Ammonium Buffer **High specificity and high yield - for standard PCR applications**

- Chemically modified form of Taq DNA Polymerase
- Inactive at room temperature
- Very high specificity
- Ammonium Buffer ensures highest PCR yield and provides easy optimisation of PCR setup



Taq DNA Polymerase Glycerol Free **For automation and lyophilization**

- Glycerol free storage buffer
- Choose between 5 U/μl or 50 U/μl
- High stability



TEMPase Hot Start DNA Polymerase Glycerol Free **For automation and lyophilization**

- Glycerol free storage buffer
- Easy reaction setup at room temperature
- Increased specificity and sensitivity
- High stability



Online im Webshop

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**AL-Labortechnik &
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PRODUKTE UND APPLIKATIONEN FÜR DIAGNOSTIK UND FORSCHUNG



Kurz anrufen

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Mo.-Do.: 7.30-16.30 Uhr | Fr.: 7.30-12.30 Uhr