PCR ESSENTIALS:
PRODUCTS & ACCESSORIES

AMPLIQON
PCR ENZYMES & REAGENTS

DOMINIQUE DUTSCHER SAS



AQ97 HiFi Hot Start 2x Master Mix
High fidelity and easy room temperature setup

- Low error rate
- High fidelity: >60x Taq fidelity
- Amplification of difficult and long amplicons (up to 11 kb)
- User friendly: remains liquid at -20 °C
- Also available in a red variant for direct gel loading

Product example:
A790901 | A810801



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

- Ready-to-use PCR master mix
- Direct loading onto agarose gel
- Red dye visualization of pipetting, mixing, and loading
- Timesaving – due to fewer handling steps

Product example:
A180301



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
- PCR master mixes with red or blue dye for direct gel loading

Product example:
A570001 | A574401



RealQ Plus 2x Master Mixes
For high efficiency real-time PCR applications

- 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 – optimized for probe chemistries
- Allows for reaction setup at room temperature
- Available with different levels of ROX reference dye

Product example:
A323402 | A313402



PureIT ExoZAP PCR CleanUp
One-step PCR clean-up in 5 minutes

- Improved DNA sequencing results
- No need for spin columns or magnetic beads
- No sample loss

Product example:
A620601





Taq DNA Polymerase with Ammonium Buffer

Ideal choice for routine PCR applications

- Processes up to 5 kb
- No proofreading – lacks a 3’ - 5’ exonuclease activity
- Leaves 3’dA overhang
- dUTP incorporation possible
- Use with Ammonium Buffer for minimum optimization of PCR setup

Product example:
A111103



TEMPase Hot Start DNA Polymerase with Ammonium Buffer

High specificity and high yield - for routine PCR applications

- Chemically modified version of Taq DNA Polymerase
- Allows for reaction setup at room temperature
- Improved specificity, sensitivity, and PCR yield
- dUTP incorporation possible
- Use with Ammonium Buffer for minimum optimisation of PCR setup

Product example:
A221103



Taq DNA Polymerase Glycerol Free

For automation and lyophilization

- Glycerol free storage buffer
- Choose between 5 U/µl, 50 U/µl, and 100 U/µl
- High stability
- Ideal for PCR kit manufactures

Product example:
A100003



TEMPase Hot Start DNA Polymerase Glycerol Free

For automation and lyophilization

- Glycerol free storage buffer
- Allows for reaction setup at room temperature
- Increased specificity and sensitivity
- High stability
- Ideal for PCR kit manufactures

Product example:
A241103



TIP

Choose the right buffer

Ammonium Buffer is the best buffer to choose for most applications.
It promotes robust amplification, high yield, and high specificity.

More buffer variants are available at ampliqon.com

Product example:
A301103

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TEMPase Hot Start Master Mix BLUE

For direct gel loading

- Ready-to-use PCR mix
- Direct loading onto agarose gel
- Blue dye visualization of pipetting, mixing, and loading
- Allows for reaction setup at room temperature
- Timesaving – due to fewer handling steps

Product example:
A290401



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
- Allows for reaction setup at room temperature

Product example:
A260301



DryTech TEMPase 5x master mixes

Lyophilized PCR

- All-in-one 5x PCR master mix
- Shipping at ambient temperature
- Stable at room temperature (≤ 25 °C) for 12 months from date of receipt
- Easily reconstituted in 5x DryTech Buffer
- Allows for reaction setup at room temperature

Product example:
A747303



RealQ Fast 2x Master Mix Green

Sensitive real-time detection and accurate quantitation

- Multiple choices for fast or super-fast PCR programs
- Allows for reaction setup at room temperature
- High specificity, stability, and reproducibility
- Separate ROX solution allowing for adjustment of ROX levels

Product example:
A463403



One-step RT qPCR Kit

Optimized for detection of viral and low-copy RNA templates

- 1-step reverse transcription and real-time PCR setup
- 4x RT qPCR mix for high sample volume input
- Convenient one-tube reaction for reverse transcription and real-time PCR setup
- Ideal for high-throughput testing

Product example:
A833301

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Loading buffers

Choose between four different tracking dyes

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

Product example:
A608104



Iqon DNA Ladders

For direct gel loading and easy visualization

- Clear and distinct bands
- Blue dye front running at 100-300 bp at 1-1.6 % agarose
- Variety of molecular ranges available:
  Mini DNA Ladder, 100-500 bp | Low DNA Ladder 100-1.000 bp | PCR Ladder, 100-3.000 bp

Product example:
A610641



dNTPs

High quality dNTPs

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

Product example:
A511104



PCR Grade Water

Ultrapure water for PCR

- Free of endonuclease, nicking, and exonuclease activity
- Free of human DNA
- Available in different sizes: 5 ml, 500 ml, or 1000 ml
- Also available: Nuclease-Free Water for molecular biology

Product example:
A360056 | A340037



G2 DNA/RNA Enhancer

Extraction from difficult matrices

- Optimizes DNA and RNA extraction efficiency
- Inhibits DNA and RNA sorption to clay particles
- Increases microbial DNA and RNA yield from clay - at least 2-10 fold
- Available in 0.1- and 1.4-mm beads

Product example:
A420125

PCR ENZYMES MADE IN DENMARK

For more information or place an order, please contact Ampliqon:
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Explore more products, combinations, and customized solutions. Visit ampliqon.com or request our PCR Enzymes product list for detailed information.

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