

**ONE GREAT PERFORMANCE
TWO CHOICES**

ROVEXCELLENT
QPCR MASTER MIXES

ROVEXCELLENT QPCR Master Mixes give you the choice of universal detection for every PCR product by using Green DYE or your own probes.

**MAXIMIZED SENSITIVITY AND
SPECIFICITY HOT START**

Optimized composition allows detection of single copy number templates

**HIGHEST PROCESSIVITY AND HIGH
SIGNAL TO BACKGROUND RATIO**

Highly pure Hot Start polymerase gives outstanding yields and no non-specific products

**EXCELLENT PERFORMANCE IN
CHALLENGING ASSAYS**

GC - rich templates and even difficult templates are successfully amplified

ROVALAB



MAXIMUM CONVENIENCE

All you need to do is to add hybridisation probes or primers and template DNA to ROVEXCELLENT Master Mixes, thus minimising your pipetting effort and possible sources of error.

The Green DYE and the Hot Start Master Mixes contain a **modified Taq DNA Polymerase for Hot Start PCR, buffer and nucleotides**. They come as a ready-to-use 2x concentrated solution, which can be stored at 2-8°C.

All components are provided in optimized concentrations to give **high processivity** and to eliminate **non-specific product formation**.

HIGHEST SENSITIVITY

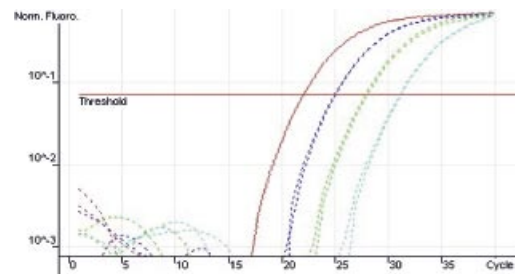
The **highly specific and sensitive** Hot Start Taq DNA Polymerase and the exceptionally pure dNTPs lead to **excellent reproducible values of PCR Efficiency, Correlation Coefficient and Slope**.

Efficiency of the amplification of human GAPDH using log fold serial dilutions from 1 ng to 1 pg on the RG-3000 (Corbett Research).

INCREASED FLEXIBILITY

You can utilise ROVEXCELLENT Master Mixes on **any real-time PCR instrument**.

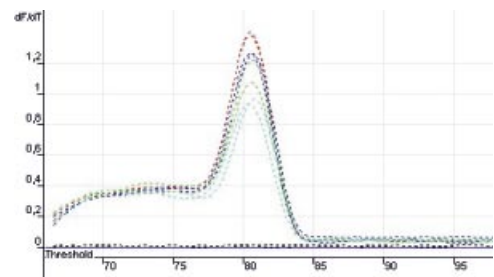
The Green DYE allows the **universal detection of every PCR product**. Either ROX or Fluorescein are included as reference dyes in a separate vial.



MAXIMIZED SPECIFICITY

The dissociation curve following the real time PCR for Green DYE based amplicon detection shows that **no contaminating products** including primer dimers, contaminating DNA, and PCR product from misannealed primer are present in this reaction. The high signal to background ratio ensures clear detection of low copy number templates.

Derivative melting curve for standard curve samples in real time PCR, GAPDH endogenous control.



ROVEXCELLENT QPCR Master Mixes combine first class quality and competitive pricing.

ORDERING INFORMATION

	2 x Green DYE Master Mix				2 x Hot Start QPCR Master Mix			
Catalogue #	S 50	S 200	S 400	S 2000	HS 50	HS 200	HS 400	HS 2000
Unit Size	50 reactions 1,25 ml	200 reactions 4 x 1,25 ml	400 reactions 8 x 1,25 ml	2000 reactions 50 ml	50 reactions 1,25 ml	200 reactions 4 x 1,25 ml	400 reactions 8 x 1,25 ml	2000 reactions 50 ml

Please add on your order the type of reference dye needed: ROX or Fluorescein

CONTACT

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