



## The straight path **from R&D** **to commercial use**

*With more than 30 years' experience in oligonucleotide synthesis, Eurogentec has established expertise in coupling chemistry efficiencies, leading to the efficient production of high-quality dye-labelled oligonucleotides.*

*Through its Access™ Dyes and Quenchers, Eurogentec offers a simple, customisable & cost effective solution for nucleic acid applications. This class of proprietary molecules offers the highest performance for nucleic acid detection with IP-friendly terms and conditions.*

With Eurogentec Access™ Dyes & Quenchers, avoid the burden of multiple license agreements and benefit from:

**A unique experienced partner for all your NAT applications**

**A complete portfolio of Dyes & Quenchers covering all qPCR channels from deep blue to near IR.**

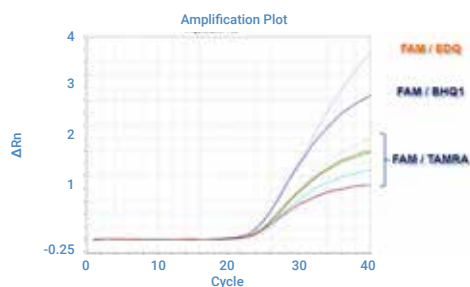
**A customisable and attractive offer**

- Applicable to custom modified oligonucleotides and double dye probes.
- For research, diagnostic and any commercial application.
- Small to large synthesis scales.
- RUO to IVD GMP grades.
- Friendly license plans for use in commercial applications.
- Full OEM kitting services available.

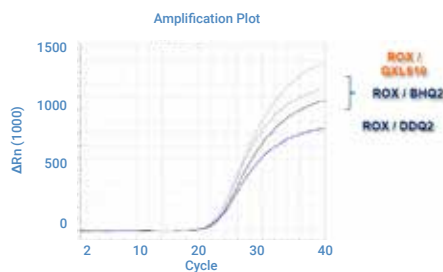
# High Performance Access™ Probes

qPCR results for some dye & quencher pairs: For each channel, identical probes (24 bases each) were synthesised and labelled with selected pairs of dyes and quenchers. The recommended Access™ Probe Pair is highlighted in orange. Experiments were performed under standard conditions using Takyon™ No Rox Probe Mastermix dTTP from Eurogentec.

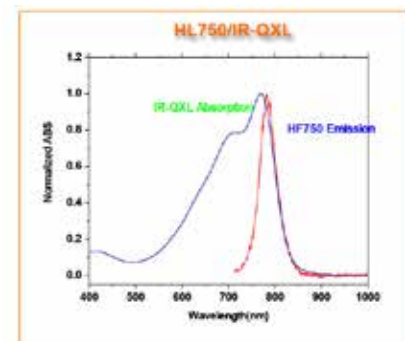
## Pair 1



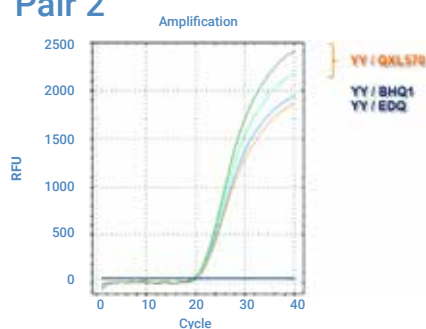
## Pair 3



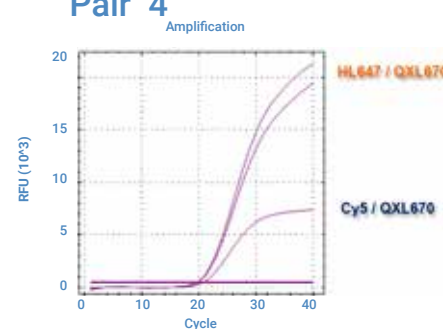
## Access™ IR Pair



## Pair 2



## Pair 4



**New Access Pair HL750/IR-QXL for use in Infrared channel:** Absorption and Emission spectra respectively for the IR-QXL quencher and the Hilyte750 dye.

**MGB probes** are more specific, more efficient and more sensitive than standard double-dye probes. We provide a complete offer with more than 15 dyes covering all qPCR channels<sup>1</sup>.

**Our MGB Probes are RP-HPLC purified and can be delivered in 6, 20 and 50 nmol, dried or in solution (TE or H<sub>2</sub>O).**

<sup>1</sup> More information on [www.eurogentec.com](http://www.eurogentec.com)

## Access™ Dyes and Quenchers Pairs

Channels	Dyes & Quenchers Pairs	Dye Emission λ.max (nm)	Quencher Abs λ.max (nm)
Deep Blue	Epoch Blue / DDQ1	460	440
	ATTO 390 / DDQ1	476	440
	ATTO 425 / DDQ1	485	440
	ATTO 465 / DDQ1	509	440
Green Yellow	FAM-TAMRA	520	544
	FAM-EDQ	520	522
Yellow Orange	YY / EDQ	549	522
	AP5 / EDQ	549	522
	HEX / EDQ	556	522
	YY / QXL570	549	538-577
Orange Red	ROX / Q630 (Elitech)	602	630
	ROX / QXL610	602	594-628
	AP593 / Q630 (Elitech)	613	630
	AP593 / QXL610	613	594-628
Red	HL647 / QXL670	675	668
Infrared	HL750 / IR-QXL	778	772

Other Dyes such as ATTO 565 and ATTO 590 are available on request at [access@eurogentec.com](mailto:access@eurogentec.com)  
To discover the full range of dye and quencher pairs intended to research and commercialisation, please refer to our Dye and Quencher compatibility tables on [www.eurogentec.com](http://www.eurogentec.com)

To start discussing your project, please contact our specialists at [access@eurogentec.com](mailto:access@eurogentec.com)



[www.eurogentec.com/access-dyes.html](http://www.eurogentec.com/access-dyes.html)