

# High quality **MGB Probes** at an affordable price

## → Benefits

### Convenient formats

- Probes delivered in solution or in 10 nmol dried aliquots

### Multiple scales

- 6 - 20 - 50 nmol delivered
- Custom scales on request

### Complete offer

- More than 15 Dyes available, covering all qPCR channels

### Free wobble bases

- Available at no additional cost

### Also available in IVD grade

Relying on a 30-year expertise in oligonucleotide manufacturing, Eurogentec now provides high quality MGB probes perfectly suited for patient management use.<sup>1</sup>

The MGB moiety increases the T<sub>m</sub> of a probe because of its minor groove binding ability. MGB Probes form highly stable duplexes with their targets allowing shorter probes to be highly efficient. Therefore MGB probes are more specific, more efficient and more sensitive than classical double-dye probes.

MGB Eclipse® Probes are about 13 to 23 nucleotides long with a 5' fluorescent dye and a 3' MGB Quencher.

## → Features

### Purification

- RP-HPLC

### QC

- MALDI-TOF MS + RP-HPLC

### Format

- In solution (H<sub>2</sub>O or TE)
- Dried
- Dried Aliquoted

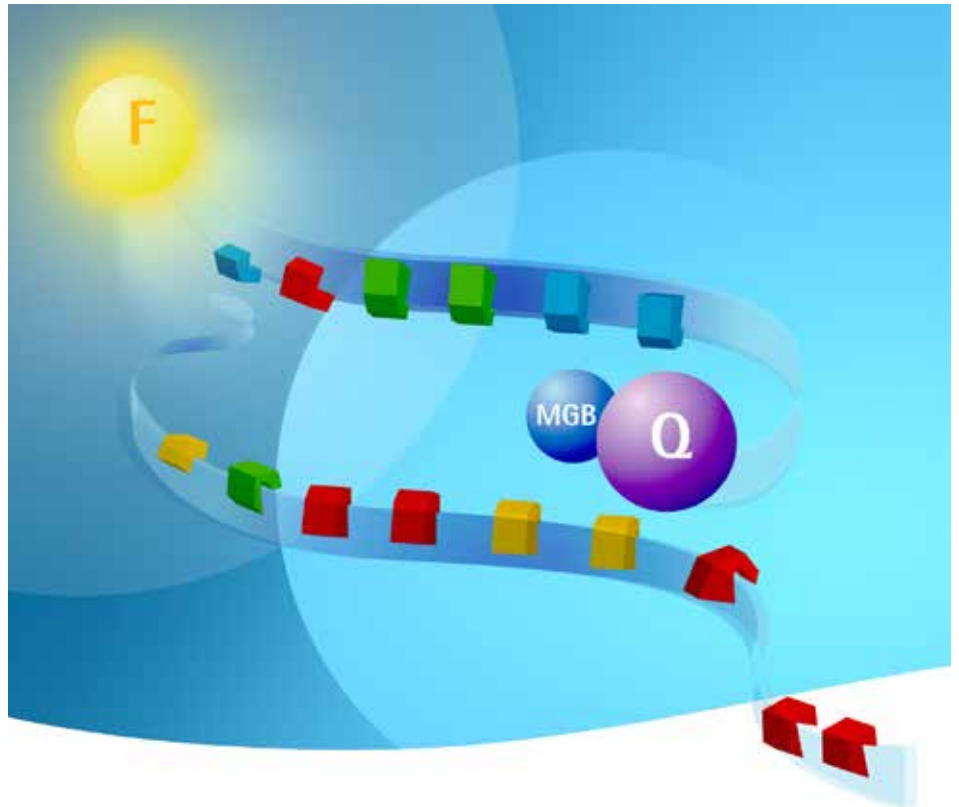
### Turnaround time

- 5-7 business days

### Free shipping

- At room temperature

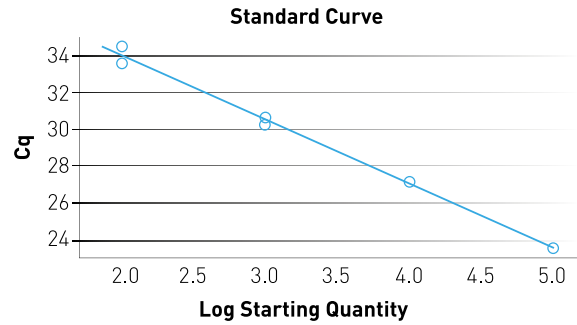
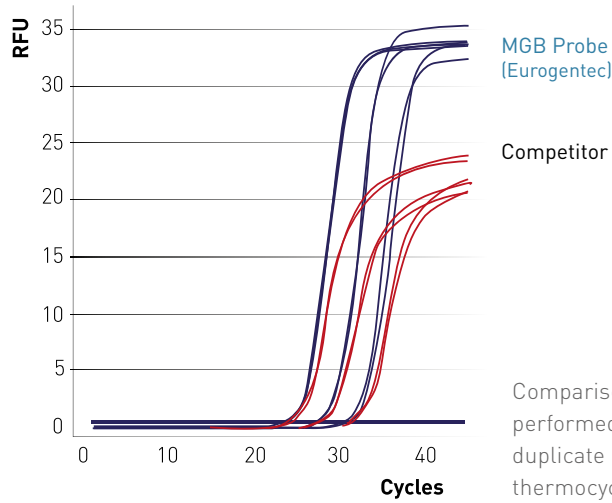
As an MGB licensee, Eurogentec is an **AUTHORIZED SUPPLIER** of MGB probes for MGB-licensed IVD **KIT MANUFACTURERS**.



### → Notes

<sup>1</sup> Probes must be used for patient management. End users are covered under Eurogentec's conveyed license for patient management.

## High performance



Comparison between FAM-MGB Probe from Eurogentec and Competitor. Experiment was performed with the same primers in 20 µL reaction volume. Amplification was done in duplicate on a 10X serial dilution of the same control plasmid and monitored on a CFX96 thermocycler.

Reference	Description	Modifications	Delivered quantity (nmol)
PB-MGBEF-006	Double Dye MGB probe FAM	5' FAM - 3' MGB-EDQ	6
PB-MGBEF-020			20
PB-MGBEF-050			50
PB-MGBET-006	Double Dye MGB probe TET	5' TET - 3' MGB-EDQ	6
PB-MGBET-020			20
PB-MGBET-050			50
PB-MGBEY-006	Double Dye MGB probe YY*	5' Yakima Yellow - 3' MGB-EDQ	6
PB-MGBEY-020			20
PB-MGBEY-050			50
PB-MGBETR-006	Double Dye MGB probe Texas Red®	5' Texas Red® - 3' MGB-EDQ	6
PB-MGBETR-020			20
PB-MGBETR-050			50
PB-MGBEC-006	Double Dye MGB probe Cy5®	5' Cy5® - 3' MGB-EDQ	6
PB-MGBEC-020			20
PB-MGBEC-050			50
PB-MGBER-006	Double Dye MGB probe ROX	5' ROX - 3' MGB-EDQ	6
PB-MGBER-020			20
PB-MGBER-050			50
PB-MGBED-006	Double Dye MGB probe DFO	5' DragonFly™ Orange - 3' MGB-EDQ	6
PB-MGBED-020			20
PB-MGBED-050			50
PB-MGBEA-006	Double Dye MGB probe ATTO**	5' ATTO - 3' MGB-EDQ	6
PB-MGBEA-020			20
PB-MGBEA-050			50

\* VIC® equivalent \*\* ATTO 390, 425, 465, 488, 532, 565, 590, 594, 620, 647N, 680, 700, 740 are available

→ Trademarks

Cy5® Direct is a registered trademark of GE Healthcare Bio-Sciences Corp.  
Texas Red® is a registered trademark of Molecular Probes, Inc. (a wholly owned subsidiary of Invitrogen Corp.)  
Vic® is a registered trademark of Applied Biosystems.  
Yakima Yellow® is a registered trademark of Epoch Biosciences, Inc.  
Dragonfly Orange™ is a trademark of Eurogentec S.A.

→ Conditions

All Prices are VAT excluded. Please note that our General Conditions of Sale apply:  
<http://www.eurogentec.com/general-conditions-of-sale.html>