

BHQplus[®] Probes

Fortified Probes with Duplex Stabilizers



- » SNP Genotyping
- » Species Discrimination
- » Gene Expression Analysis
- » Pathogen Detection

www.biosearchtech.com

BHQplus probes are a new and advanced probe technology for qPCR that bring researchers many of the benefits of traditional MGB probes without their expense.

Shortened Probe—Enhanced Specificity

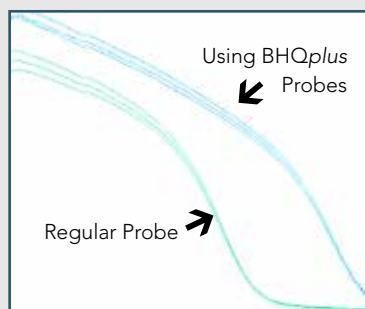
As with MGB probes, BHQplus probes form highly stable duplexes with DNA targets allowing shorter probes to be used for hybridization-based assays. Due to their shortened lengths, BHQplus probes achieve an enhanced target specificity making them ideal for SNP discrimination.

Multiplex with BHQ[®], FAM, TET, CAL Fluor[®], and Quasar[®] Dyes

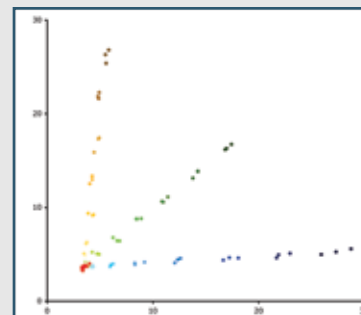
BHQplus probes combine the power of a short, high-fidelity probe with the proven quenching versatility of a non-fluorescent quencher, the BHQ (Black Hole Quencher[®]) dye. When paired with a FAM, TET, CAL Fluor Orange 560, CAL Fluor Red 610, or Quasar 670 dye, these small and highly discriminatory dual labeled, fluorescence-quenched probes are suitable for SNP genotyping and allelic discrimination assays.

Powerful RealTimeDesign[™] Software for BHQplus Design

Designing BHQplus SNP genotyping assays is easy and uncomplicated with our free, web-based, program—RealTimeDesign software. Input your DNA sequence or NCBI accession number and let RealTimeDesign software design your assays. Simply review RealTimeDesign's suggestions and when you're satisfied, place your order online. Visit www.biosearchtech.com/realtimedesign to design your next probe-based SNP genotyping assay.



As temperature increases from left to right, this melting temperature graph indicates that the BHQplus probe is more stable by withstanding an extra 10 degrees before denaturation.



Scatter plot of a BHQplus SNP assay, resolving the respective genotypes.

www.biosearchtech.com/bhqplus

Pricing for BHQplus Probes

Custom BHQplus Probes			
Catalog #	Product Description	Delivered Amount	Price
DLO-FBP-5	5' FAM BHQplus Probe	10 nmol	\$255
DLO-FBP-2	5' FAM BHQplus Probe	20 nmol	\$350
DLO-FBP-1	5' FAM BHQplus Probe	60 nmol	\$600
DLO-TBP-5	5' TET BHQplus Probe	10 nmol	\$255
DLO-TBP-2	5' TET BHQplus Probe	20 nmol	\$350
DLO-TBP-1	5' TET BHQplus Probe	60 nmol	\$600
DLO-CBP-5	5' CAL Fluor Orange 560 BHQplus Probe	10 nmol	\$255
DLO-CBP-2	5' CAL Fluor Orange 560 BHQplus Probe	20 nmol	\$350
DLO-CBP-1	5' CAL Fluor Orange 560 BHQplus Probe	60 nmol	\$600
DLO-RBP-5	5' CAL Fluor Red 610 BHQplus Probe	10 nmol	\$255
DLO-RBP-2	5' CAL Fluor Red 610 BHQplus Probe	20 nmol	\$350
DLO-RBP-1	5' CAL Fluor Red 610 BHQplus Probe	60 nmol	\$600
DLO-QBP-5	5' Quasar 670 BHQplus Probe	10 nmol	\$255
DLO-QBP-2	5' Quasar 670 BHQplus Probe	20 nmol	\$350
DLO-QBP-1	5' Quasar 670 BHQplus Probe	60 nmol	\$600

ValuMix™ Assays for SNP Genotyping - Custom BHQplus Probes and Primers, Mixed			
Catalog #	Product Description	Delivered Amount (Probes/Primers)	Price
FTBP-2	FAM/TET BHQplus SNP Probe Pair w/ Primers, Mixed	2 nmol / 9 nmol	\$270
FTBP-5	FAM/TET BHQplus SNP Probe Pair w/ Primers, Mixed	5 nmol / 22.5 nmol	\$395
FTBP-12	FAM/TET BHQplus SNP Probe Pair w/ Primers, Mixed	12 nmol / 54 nmol	\$529
FGBP-2	FAM/CAL Fluor Gold 540 BHQplus SNP Probe Pair w/ Primers, Mixed	2 nmol / 9 nmol	\$270
FGBP-5	FAM/CAL Fluor Gold 540 BHQplus SNP Probe Pair w/ Primers, Mixed	5 nmol / 22.5 nmol	\$395
FGBP-12	FAM/CAL Fluor Gold 540 BHQplus SNP Probe Pair w/ Primers, Mixed	12 nmol / 54 nmol	\$529
FCBP-2	FAM/CAL Fluor Orange 560 BHQplus SNP Probe Pair w/ Primers, Mixed	2 nmol / 9 nmol	\$270
FCBP-5	FAM/CAL Fluor Orange 560 BHQplus SNP Probe Pair w/ Primers, Mixed	5 nmol / 22.5 nmol	\$395
FCBP-12	FAM/CAL Fluor Orange 560 BHQplus SNP Probe Pair w/ Primers, Mixed	12 nmol / 54 nmol	\$529

Fluorescent Calibration Dyes			
Catalog #	Product Description	Delivered Amount	Price
RD-5025-5	6-FAM T10 Calibration Standard	5 nmol	\$95
RD-5081-5	CAL Fluor Orange 560 T10 Calibration Standard	5 nmol	\$95
RD-5082-5	CAL Fluor Red 610 T10 Calibration Standard	5 nmol	\$95
RD-5065-5	Quasar 670 T10 Calibration Standard	5 nmol	\$95

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