

Amplify your Impact

metabion



Molecular Diagnostics at its Best: qPCR Probe Portfolio

- Dual-Labelled Probes
- HP Double Quenched Probes
- LightCycler® HybProbes
- SimpleGT Probes©
- Minor Groove Binder (MGB) Probes
- Locked Nucleic Acid (LNA) Probes
- Zip Nucleic Acid® (ZNA) Probes
- Extensive Fluorophore and Quencher Portfolio



Tailor-made qPCR probes
for all your research and clinical needs



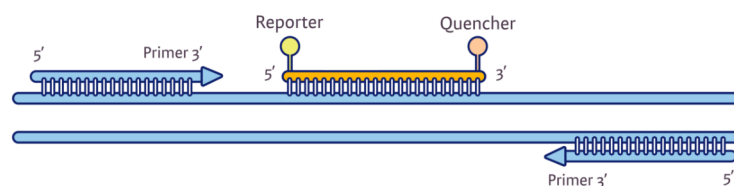
Tackle challenging
sequences and targets



Highest quality probes:
full confidence in results

Dual-Labelled Probes: Your Sequence, Our Expertise

metabion Dual-Labelled Probes are highly customisable qPCR probes, which are compatible with a wide range of qPCR instrumentation. They are labelled with a fluorophore and a corresponding quencher. Our wide range of reporter-quencher combinations suits probe hydrolysis based assays, covering single- and multiplex qPCR applications.



metabion Dual-Labelled Probes are synthesised and purified using the most modern techniques, offering very high quality as well as reducing background noise to a minimum.

Dual-Labelled Probe Applications



Gene Expression
Analysis



Pathogen
Detection



Mutation
Detection



Multiplex
Assays



Copy Number
Variation Analysis

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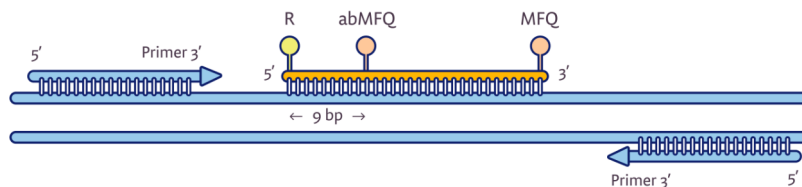
www.metabion.com

qPCR elevated

HP Double Quenched Probes: Tackle Challenging Targets

Designed for complex multiplex assays and the reliable detection of low-abundance targets or challenging sequences, metabion High Performance Double Quenched probes ensure high sensitivity and performance.

HP Double Quenched Probes utilize a high-performance internal abMFQ quencher, reducing background noise up to four times compared to Dual-Labelled Probes, and increasing endpoint fluorescence.



HP Double Quenched Probes have been developed to advance assay performance by:

- Increased probe melting temperature and thermostability
- Enhanced annealing efficiency for better binding to challenging sequences
- Reduced Cq values for earlier signal detection during the qPCR run

These boost:

- Signal intensity
- Diagnostic specificity and sensitivity

This leads to better experimental data and clearer results for researchers as well as clinicians.

HP Double Quenched Probe Applications



Detection of low-abundance targets



Complex multiplex assays



Longer probes (>25nts) for AT-rich sequences

Learn more



All your orders are supported by our team of highly qualified scientists!

Order now at wop.metabion.com

metabion – Quality to Trust