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Customised qPCR assays

qPCR assays



Additional flexibility has been added to the PrimeTime qPCR assays from IDT. Clients can now customise the Standard and XL qPCR assays by specifying the dye and quencher pair used on the probe and the ratio of primer to probe. These new scale features work in combination with the existing versatility offered across the entire range, including the ability to set the design parameters, select exon spanning sites to reduce genomic contamination and view the primer and probe sequences prior to purchase. In addition, the new features give more flexibility for multiplex design and experimental setup such that the final product can meet all personal and experimental preferences. 5' nuclease assays consisting of a forward and reverse primer along with a dual-labelled probe are shipped lyophilised in a single tube and with enough reagents for 500 (Standard) or 2500 reactions (XL). Mini qPCR assay (100 reactions) for small scale screening purposes are also offered. The use of a fluorescent probe, as opposed to an intercalating dye, eliminates inaccuracies associated with primer dimers or non-specific binding. Fluorescence is detected only when the probe is cleaved by the polymerase action of the elongation phase.

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