RT PCR dual-labeled probes

The technology of dual-labeled hydrolysis probes (also called TaqMan® probes) exploits the 5´-3´ exonuclease activity of Taq DNA polymerase to cleave dual-labeled hydrolysis probes. Hydrolysis probes are labeled at the 5´ end with a fluorescent dye (reporter) and at the 3´ end with a quencher.

The probes are HPLC purified (no additional fee).

Available amounts: 1 nmol (common probes), 5 nmol, 10 nmol, 20 nmol a 50 nmol

Product	Amount of probe				
	1 nmol	5 nmol	10 nmol	20 nmol	50 nmol
Probe FAM-BHQ1 *	1500-001	1500-005	1500-010	1500-020	1500-050
Probe HEX-BHQ1 *	1501-001	1501-005	1501-010	1501-020	1501-050
Probe Cy3-BHQ2 *	1502-001	1502-005	1502-010	1502-020	1502-050
Probe Cy3.5-BHQ2 *	1529-001	1529-005	1529-005	1529-020	1529-050
Probe Cy5-BHQ2	1503-001	1503-005	1503-010	1503-020	1503-050
Probe Cy5.5-BHQ2	1530-001	1530-005	1530-010	1530-020	1530-050
Probe ROX-BHQ2 *	x	1531-005	1531-010	1531-020	1531-050
Probe Cy5-BBQ650 *	x	1532-005	1532-010	1532-020	1532-050
Probe HEX-BBQ650 *	x	1533-005	1533-010	1533-020	1533-050
Probe ROX-BBQ650 *	x	1534-005	1534-010	1534-020	1534-050

In the table are stated catalogue numbers of modifications
x - unavailable combination

Quencher BBQ is covered by US Patent 7,879,986.

*** It can also be supplied with the LNA modification.**

Attention: probes containing a fluorophore are recommended to be stored in the dark.