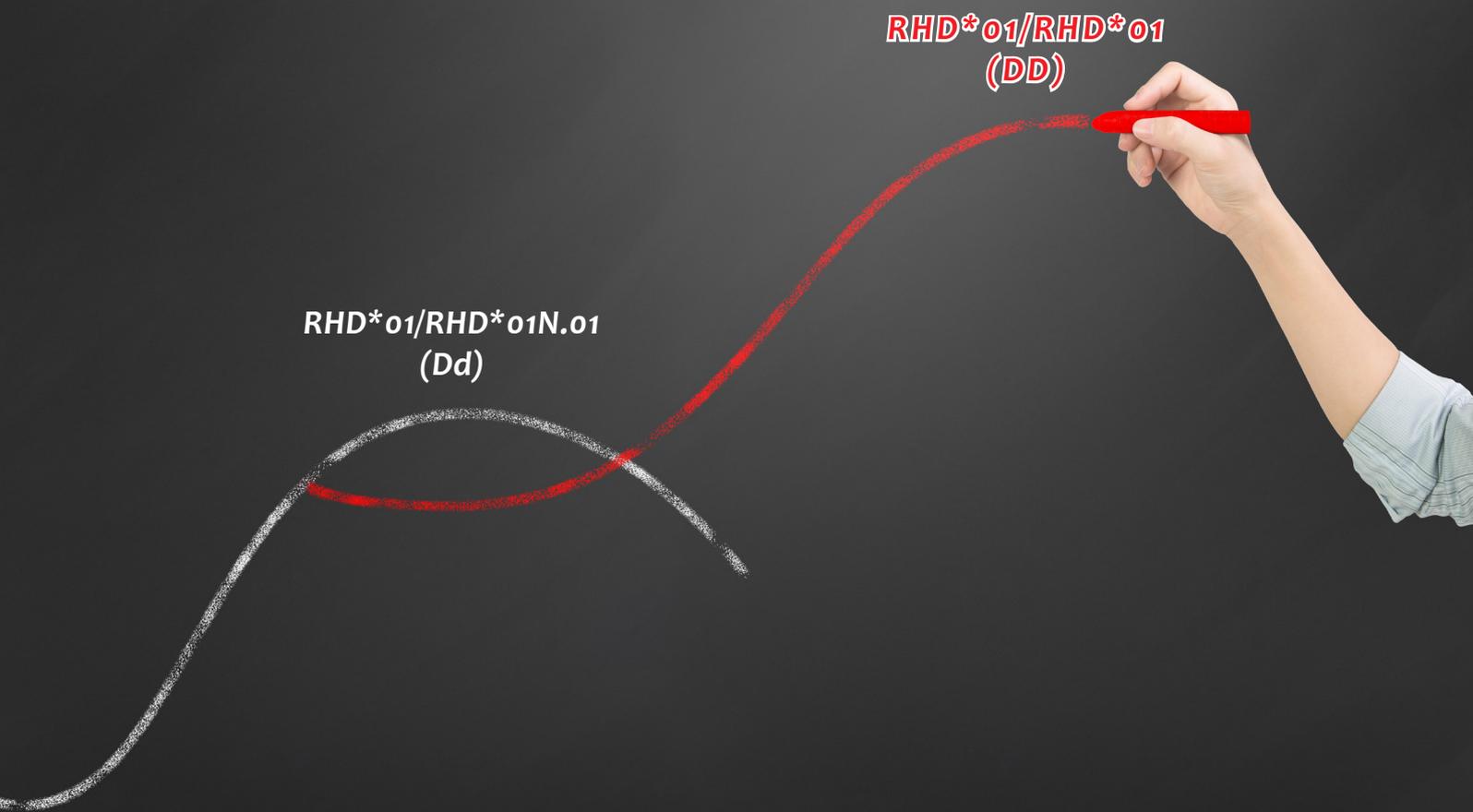


RBC-FluoGene RHD Zygosity Q

Quantitative RHD Exon 1 and Exon 10 Detection
for RHD Zygosity Determination DD vs. Dd.



Ready Gene

SuBiTo

RBC-FluoGene Q

Software

PCR & Electrophoresis

Ready Plate

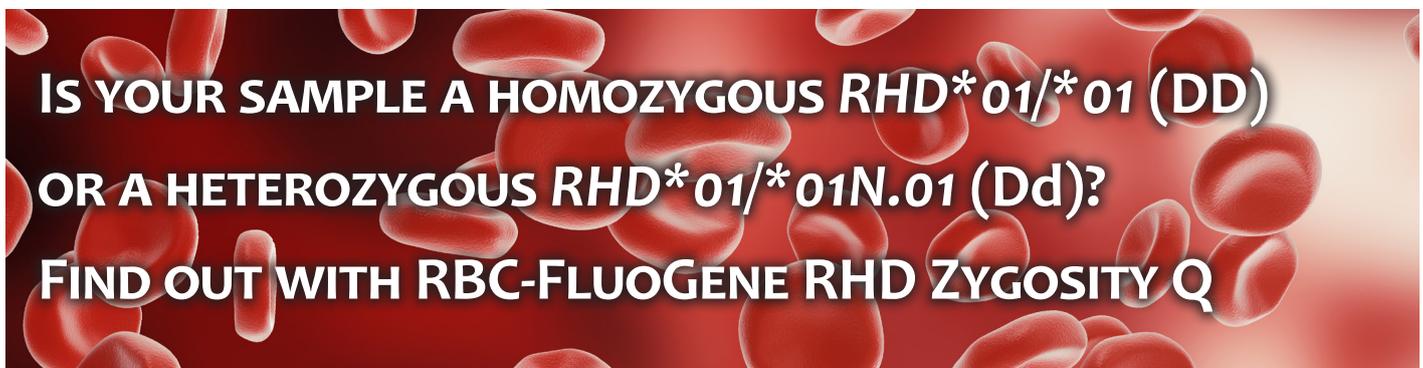
DNA-Extraction

Life Science

RBC-FluoGene RHD Zygosity Q: quantitative determination of DD vs. Dd FLEXIBLE qPCR WITH 2 LIQUID MIXES SUITABLE FOR ANY REAL-TIME PCR DEVICE

Our latest FluoGene Q series uses liQuid mixes and is independent of the inno-train devices and FluoGene Software. The qPCR kits contain 1-2 primer-probe-mixes, the buffer FluoMix, as well as a positive and negative control DNA. Reagents are suitable for any real-time instrument in 96-well and 384-well format.

For determination of the RHD zygosity status a discrimination between DD and Dd samples is necessary. RBC-FluoGene RHD Zygosity Q test system is a fluorescence based quantification of the RHD exons 1 and 10 from genomic DNA for RHD zygosity determination by real-time PCR with only 2 mixes. The evaluation of the RHD zygosity status is performed by a $\Delta\Delta C_t$ -calculation.



ADVANTAGES

- Liquid qPCR for flexible screening
- DD control DNA included in the kit
- For more safety both exon 1 and exon 10 are quantified
- Only 1 pipetting step
- <5 minutes hands-on time
- 80 minutes from DNA to result
- Suitable on any real-time PCR instrument
- 25 years experience in RBC genotyping

RESOLUTION

- Clear separation of DD vs. Dd samples by $\Delta\Delta C_t$ -value
- dd samples show no real-time curves

ORDERING INFORMATION

ARTICLE NO.	ARTICLE
001 094 024Q	RBC-FluoGene RHD Zygosity Q



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