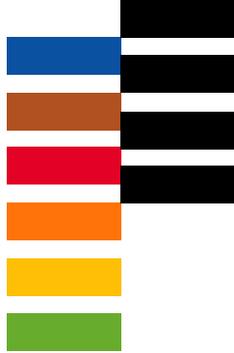


# Mentype<sup>®</sup> DIPscreen / DIPquant

Highly quantitative chimerism control after allogeneic stem cell transplantation - The combined strategy



## Mentype<sup>®</sup> DIPscreen

Mentype<sup>®</sup> **DIPscreen**, a multiplex-PCR application was developed to genotype donor and recipient samples identifying informative deletion/insertion (DIP, INDEL) polymorphisms for distinct chimerism analysis.

Bio **type**<sup>®</sup>  
Diagnostic GmbH

## Mentype<sup>®</sup> DIPquant

In result of the screening, choosing out of a pool of 57 allele-specific real-time PCR (qPCR) monoplex assays, Mentype<sup>®</sup> **DIPquant** quantitatively addresses identified DIP-loci.



## Chimeris<sup>™</sup> Monitor

The automated software solution Chimeris<sup>™</sup> **Monitor** supports all DIP-approaches to make personalized diagnostics routine fit and comfortable.

Switch **from semi - quantitative towards highly - sensitive** analysis

Take advantage of a routine-fit and time-efficient diagnostics

Have a software-supported read-out

Reliable, holistic and easier

Quality standards

maintained

### Workflow

#### Mentype<sup>®</sup> DIPscreen

the switch towards quantitative chimerism analysis



Identification of informative DIP-Loci

Selection of informativer DIP-Loci

#### Mentype<sup>®</sup> DIPquant

the quantitative approach for allele-specific monitoring down to 0.05 % recipient chimerism.



Relative quantification of DIP-Alleles

Analysis of chimerism status

Genotyping to quantitative analysis is comprehensively supported by Chimeris<sup>™</sup> **Monitor**

A single-multiplex PCR amplifications reveals informative loci that can subsequently be addressed by allele-specific qPCR assays. Biotypes Chimeris<sup>™</sup> **Monitor** software is giving shape and makes this approach most routine-fit and comfortable.

Make personalized diagnostics routine-fit!  
Mentype<sup>®</sup> **DIP solutions**

# Mentype<sup>®</sup> DIPscreen / DIPquant

Highly quantitative chimerism control after allogeneic stem cell transplantation - The combined strategy

- from semi-quantitative towards highly-sensitive analysis -

## 10 reasons to change the strategy

- **33** DIP-loci are screened in **1** multiplex-PCR amplification
- **CE/IVD** certified through a clinical performance study
- flexible assay-format allows multi- and single sample throughput
- **57** allele-specific qPCR monoplex assays available
- **0.05 %** sensitivity provided
- very high accuracy of obtained results
- software supported data analysis (Chimeris<sup>™</sup> **Monitor**)
- data are available at one glance
- early and targeted therapeutical onset
- strengthens decision making

Make personalized diagnostics routine-fit! Mentype<sup>®</sup> **DIP solutions**

### Ordering information

Mentype <sup>®</sup> DIPscreen	Order number
25 reactions	45-45410-0025
100 reactions	45-45410-0100
400 reactions	45-45410-0400

Mentype <sup>®</sup> DIPquant	Order number
25 reactions	45-015xx*-0025
50 reactions	45-015xx*-050 (2 x 25 reactions)
100 reactions	45-015xx*-0100

\* xx specifies the DIP-assay

**Bio type<sup>®</sup>**

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