



# Mentype<sup>®</sup> DIPscreen

## Mentype<sup>®</sup> DIPquant



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

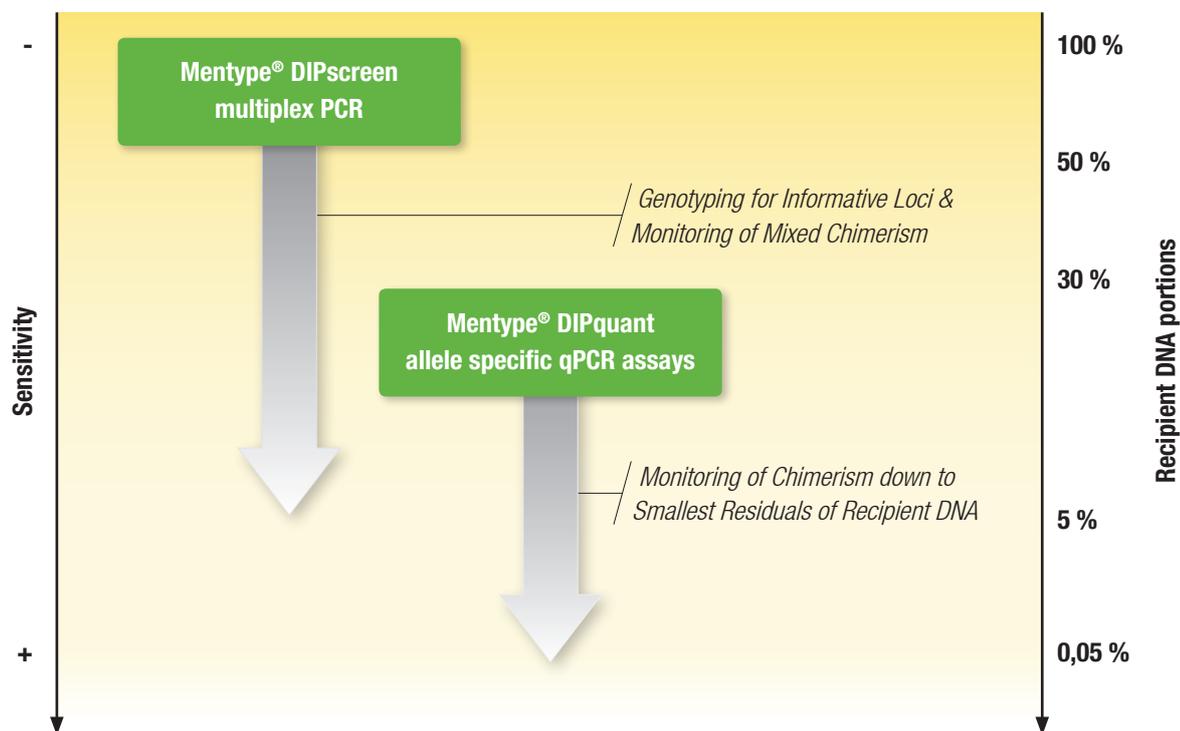
### The combined strategy - highly quantitative and professional chimerism control after allogeneic stem cell transplantation

The Mentype<sup>®</sup> **DIPscreen/DIPquant** approach represents the powerful and flexible solution to assess chimerism status over a wide measurement range. It covers all samples from 0.05 % to full donor chimerism and can therefore be applied at any stage of chimerism.

The wide measurement range that goes along with a highly accurate analysis is provided through the combination of two different technologies:

Mentype<sup>®</sup> **DIPscreen** is a multiplex-PCR application to genotype donor and recipient samples for informative allelic constellations. **DIPscreen** addresses 34 INDEL-markers and is also best suited to monitor mixed chimerism samples with high accuracy, as well as, monitoring chimerism status with 2-4 % sensitivity.

Mentype<sup>®</sup> **DIPquant** represent allele-specific qPCR assays for highly sensitive chimerism monitoring down to 0.05 %. When it comes to the measurement of small residual recipient portions **DIPquant** qPCR monoplex assays highly quantitatively analyse previously identified loci.



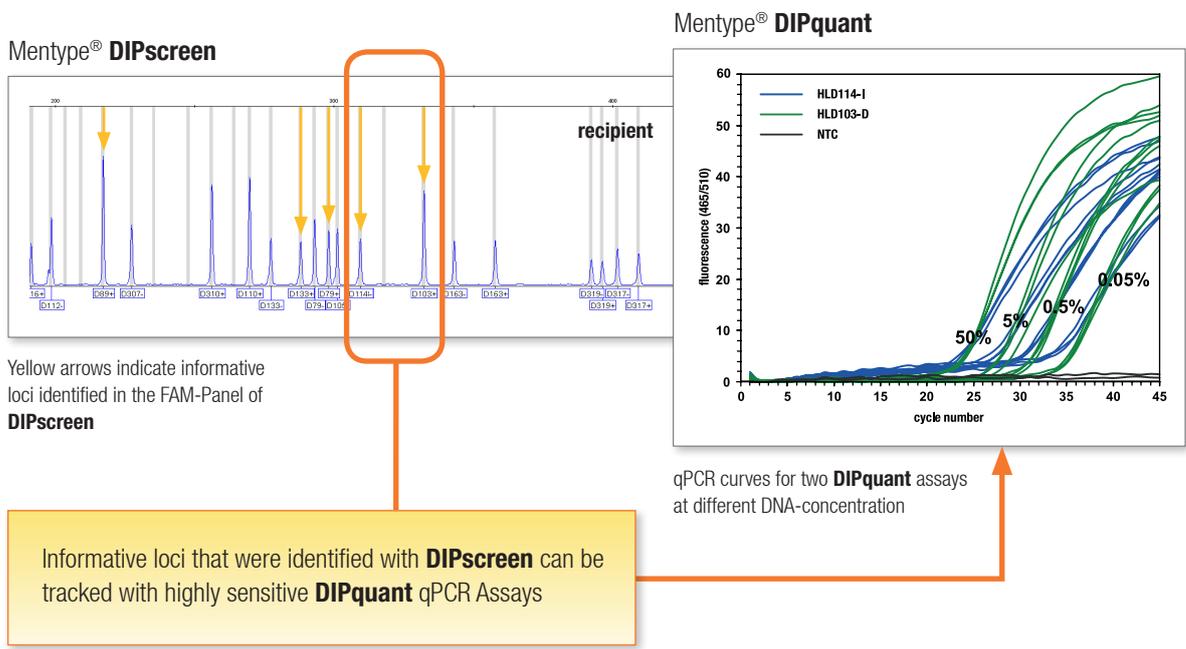
### The dedication to high professional chimerism control after allogeneic stem cell transplantation

- Providing a surplus to the conventional chimerism analysis by expanding in a new level of sensitivity
- The flexible assay format makes it routine fit and manageable at all stages of chimerism

## The combined strategy - highly quantitative and professional chimerism control after allogeneic stem cell transplantation

Broadening the diagnostic spectrum and feeding into expertise, the Mentype **DIPscreen/DIPquant** combined analysis provides a proficient strategy to reliably monitor post-transplant progress.

For nearly all alleles that are addressed in the **DIPscreen** assay, a corresponding allele-specific **DIPquant** assay is available and can be individually ordered and applied. In total > 50 DIPquant qPCR monoplex assays are available.



**Expert diagnostics lays the foundation for competent therapy!**

### 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)

\* xx specifies the DIP-assay