

Devyser Chimerism NGS

Devyser Chimerism for NGS is a CE-IVD kit that provides labs with one simple protocol for fast and reliable chimerism measurement and monitoring in transplanted patients. Relapse monitoring is now improved thanks to high sensitivity and accurate measurement supported by a custom software that makes it easy to understand chimerism trends in patients.

“Early treatment made possible by more sensitive diagnostic methods is expected to improve patient survival and significantly reduce the costs for management of transplant patients.”

Dr. Dan Hauzenberger, M.D., Ph.D.
Karolinska University Hospital, Stockholm

High sensitivity for early detection

Very early detection of relapse is possible thanks to high sensitivity and accurate measurement down to 0.05% minority fraction chimerism, allowing true monitoring of micro-chimerism.

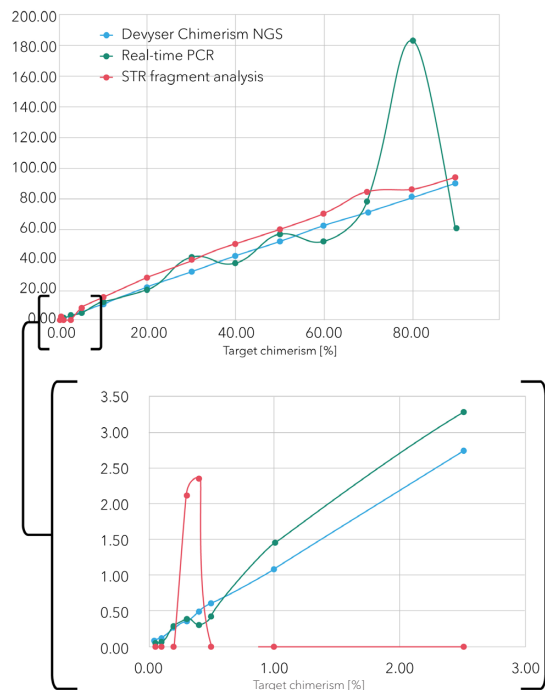
Fast and easy workflow from patient sample to report

A complete solution including NGS library preparation and software for data analysis and reporting. A unified workflow from initial screening of recipient/donor pairs to life-long patient monitoring. One tube NGS library prep with just 45 minutes hands-on time.

Simple and flexible data analysis with Advyser

The Advyser software is used for both marker screening and patient monitoring. The software suggests suitable marker pairs for patient monitoring, editable at any time. It allows analysis and visualization of an unlimited number of monitoring samples and cell types to be followed for every patient.

Chimerism analysis using NGS enables high sensitivity and accurate measurement throughout the dynamic range. This is achieved by combining the sensitive analysis of real-time PCR with the accurate measurements at high chimerism levels of STR fragment analysis.



Sensitivity and accuracy of Devyser Chimerism across the dynamic range

Key features of Devyser Chimerism

- Sensitive, accurate and precise measurement over the entire dynamic range from 0.05 - 100% chimerism using one single method
- Simple and streamlined workflow with less than 45 minutes hands-on time needed for the complete procedure
- User-friendly, designed-for-purpose software with automatic marker identification and chimerism calculation

Benefits of Devyser Chimerism

- Allows earlier detection of graft rejection and disease relapse
- One measurement method regardless of the level of mixed chimerism
- Allows true detection and monitoring of micro-chimerism and dual-donors
- Eliminates the need for sample-specific primers and patient-specific marker tracking
- One universal reagent mix for all patients helps reduce reagent wastage and the need for keeping multiple reagents in stock
- Easy to set up, run and maintain

Article numbers

- Devyser Chimerism CE-IVD kit 8-A107

Accessories

- Devyser Library Clean 8-A204
- Devyser Index Plate A 8-A200
- Devyser Index Plate LB-A 8-A202

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