

Chimerism monitoring is now easier, more sensitive and more precise

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.

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.

Fast and easy workflow from patient sample to report

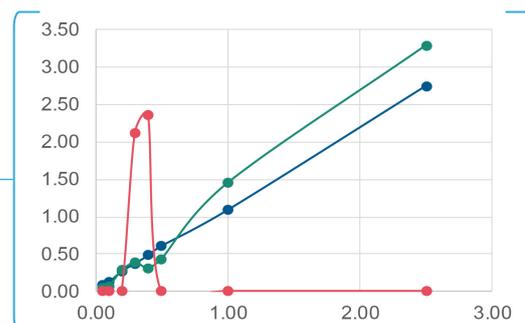
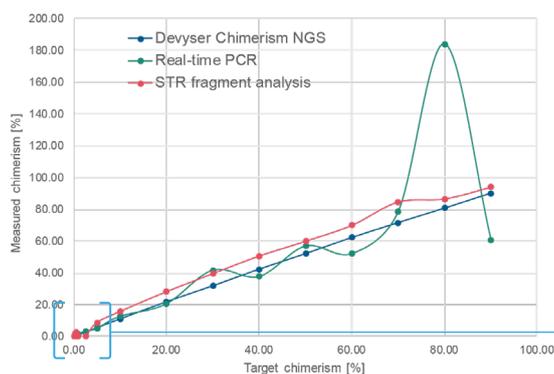
A complete solution including NGS library preparation and analytical software for a unified workflow from initial screening of recipient/donor pairs to subsequent life-long patient monitoring.

Easy to use

One tube NGS library prep with just 45 minutes hands-on time combined with powerful and intuitive data analysis and reporting software.

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



“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, Sweden

High sensitivity allows very early detection of relapse

- Detects down to 0.05% fraction of chimerism
- Accurate and precise measurement over the entire dynamic range from 0.05 - 100% chimerism using a single method
- Allows earlier detection of graft rejection and disease relapse
- One measurement method regardless of the level of mixed chimerism

Fast and effective workflow from patient sample to report

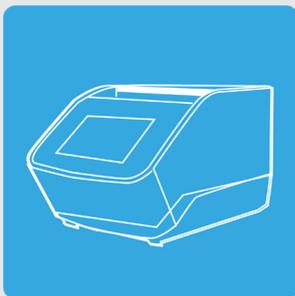
- A single workflow for both screening and monitoring
- Single-tube NGS method
- Eliminates the need for sample-specific primers and patient-specific marker tracking
- One universal reagent mix for all patients helps reduce reagent wastage and the need for keeping multiple reagents in stock

Easy to use

- User-friendly, designed-for-purpose software with automatic marker identification and chimerism calculation
- Screening samples are sequenced only once
- Speeds up results analysis and eliminates manual data input
- Saves time and increases lab productivity

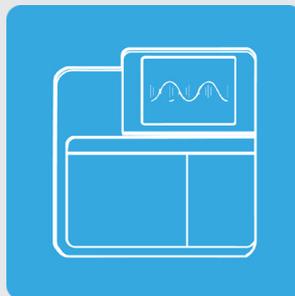
NGS workflow

Devyser Chimerism NGS Library kit



NGS libraries are generated with one tube per sample.

Next Generation Sequencing (NGS)



Libraries are combined for simultaneous sequencing.

Data Analysis using ADVYSER for Chimerism



Analyse, follow-up and trend results in one easy-to-use software

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Devyser. Results for life.

Devyser is specialised in the development, manufacture and sales of diagnostic kits for standardised genetic testing. Devyser's product development focuses on simplifying and streamlining complex testing processes to improve throughput, reduce hands-on time and produce accurate and trusted results.

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