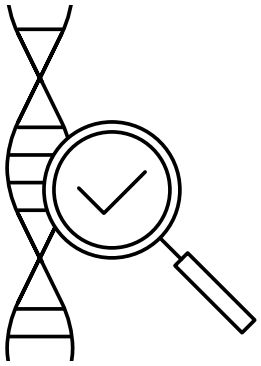
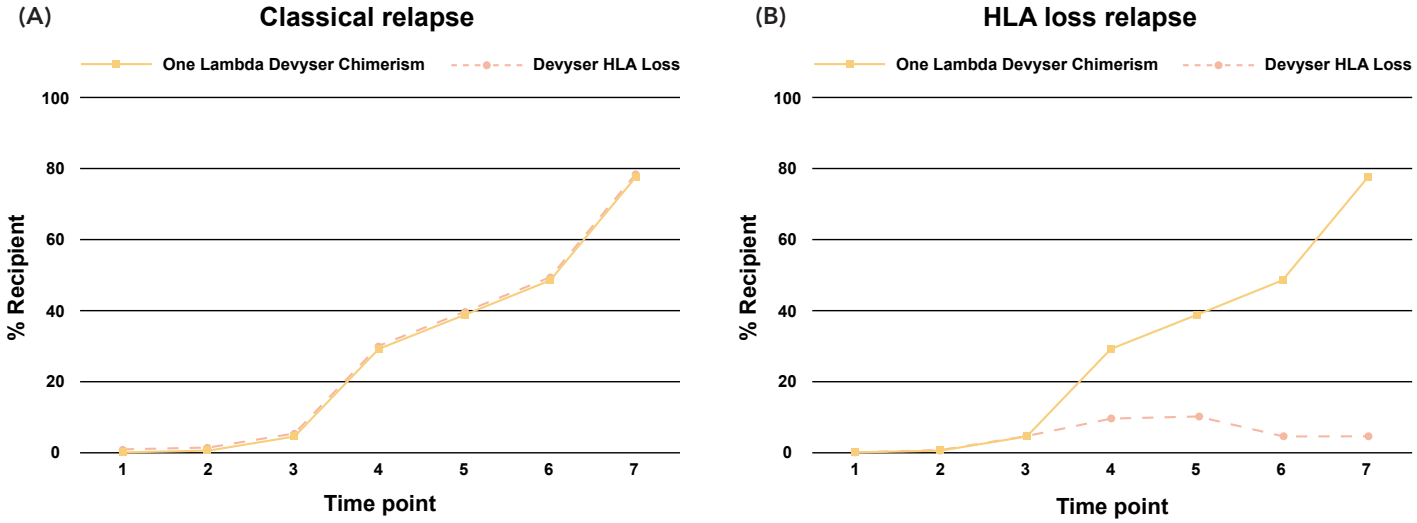
Devyser HLA Loss



A sensitive and streamlined NGS assay for detecting HLA loss in post-transplant samples.

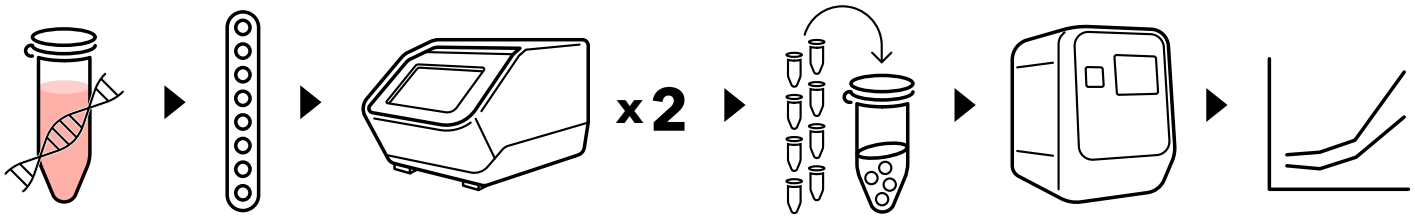
Devyser HLA Loss allows the early detection of immune escape mechanisms caused by the HLA loss with an automated marker identification and chimerism calculations for fast and user-friendly interpretation facilitated by single-tube workflow.

The software Advyser HLA Loss highlights HLA-specific discrepancies by comparing the chimerism results to indicate the potential HLA loss.



Graphs illustrating (A) classical relapse with preserved HLA loci and (B) relapse associated with HLA loss. The data demonstrates a distinct discrepancy in chimerism percentages indicating the loss of HLA genomic regions.

Simple workflow



Low amount of genomic DNA needed

x2 PCR reactions for target amplification and sample indexing

Sample pooling prior to purification in bulk

Amplicon-based NGS

Tailored software for data analysis

Dvysr®

Devyser – a new level of certainty

@Devyser

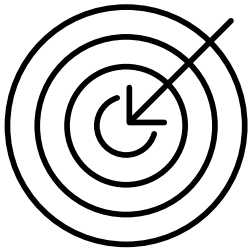
www.devyser.com

Devyser HLA Loss

High precision detection

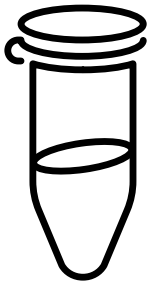
Devyser HLA Loss sets a new standard for accurately detecting mismatched HLA deletions, providing laboratories with highly sensitive insights into immune escape mechanisms in post-transplantation scenarios through a streamlined, next-generation sequencing (NGS) workflow.

Why choose Devyser HLA Loss?



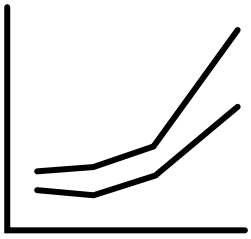
High sensitivity and accuracy

Detection of HLA loss with thresholds below 0.2%, supported by strong assay linearity. It utilizes a carefully selected set of 25 HLA-locus-specific indel markers that are population-independent and informative.



Single-tube NGS workflow

A streamlined and single-tube workflow, the assay delivers consistent results with less than 45 minutes of hands-on time and a total time to results less than 24 hours.



Reliable results

Dedicated software enabling fast interpretation and intuitive result presentation with detailed tracking of results on project level and reliable results through built-in quality controls.

Devyser HLA Loss is for research use only (RUO). Not for use in diagnostic procedures.

Article numbers

Devyser HLA Loss (RUO)

- 8 tests (8-A416-8)
- 24 tests (8-A416-24)

Accessories

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

Dvysr®

Devyser – a new level of certainty

www.devyser.com