

Molecular genetics

GenLAB8 for NGS (Panel Diagnostics, WES),
Sanger sequencing, MLPA analyses,
Real-time PCR and others.

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Molecular genetics

GenLAB8 optimally supports all your molecular genetics workflows. This includes features such as task lists and device interfaces from DNA extraction to analysis, including plate planning and documentation of all interim results.

Utilize secure and simple documentation of lot numbers used for reagents, chemicals and primers.

GenLAB8 supports you in step-by-step diagnostics through automatic release of test orders.

You create medical reports of your analyses with the help of report templates, text modules and formulas. Your prepared medical reports follow a digital approval process for the medical validation.



NGS

GenLAB8 accompanies you in planning, execution and monitoring of all activities from DNA extraction to library preparation and sequencing.

You can use the transfer of sample lists to devices such as Illumina or Ion-Torrent and the import of all sequencing results, e.g. from JSI SeqNext, VARVIS or others.

- ✓ workflows
- ✓ pooling with MID allocation and controlling
- ✓ export of Sample Sheets
- ✓ import of result files



Sanger sequencing

You can define exons, associated primers and protocols.

GenLAB8 automatically creates the pipetting scheme for your PCR runs and the plates for purified PCR products. Afterwards, the preparation plan and the exported sample sheet are generated.

- ✓ automatic pipetting scheme
- ✓ recipes and batch documentation
- ✓ statistics of mutations found



Real-Time-PCR

GenLAB8 creates batches of samples and appropriate assembling controls for your Real-Time-PCR.

An interface to Real-Time-PCR-Software allows the import of results.

Medical reports are created via formulas without manual processing and can be directly released to the validation and approval process.

- ✓ batches for all types of assays
- ✓ formula-based reporting