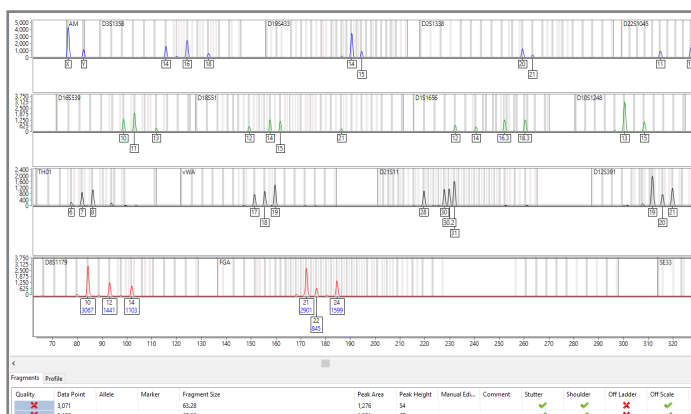# qualitype

GenoProof Mixture 5

Your complete solution for forensic analysis of mixtures

developed for scientists and
DNA experts

THE ALL-IN-ONE SOLUTION

GenoProof Mixture is your solution for the analysis of complex DNA mixtures. The software supports your complete analysis workflow. Tools for DNA fragment analysis and biostatical evaluation of stains with established and new methods are integrated to help you succeed. Complete the analysis and summarize your results with the integrated report templates.

The 5th edition of GenoProof Mixture combines the focus on user requirements with innovative software development. As an expert software, GenoProof Mixture fits perfectly into your lab routine in forensic stain analysis. With standardized exchange formats, the software enables further processing of data. Short calculations accelerate your analytic workflow.
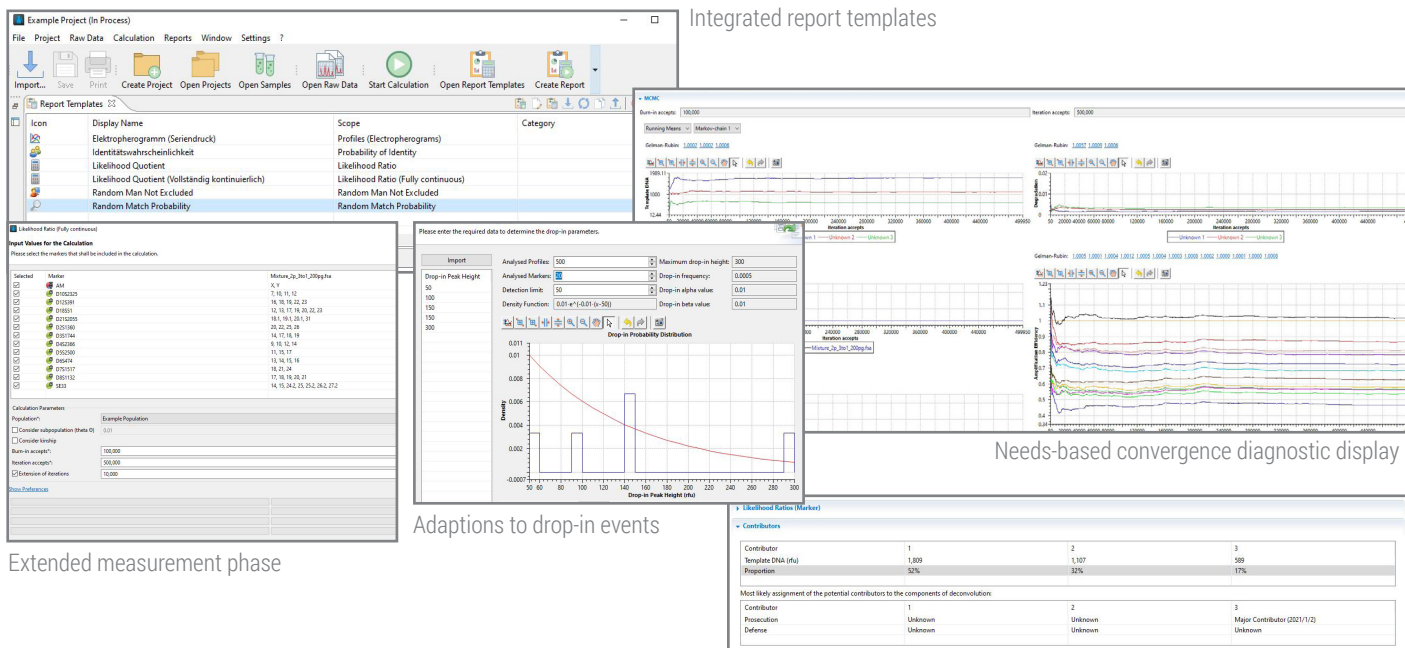
BENEFIT FROM OUR SPECIALTIES

> Wide range of methods for biostatistical interpretation of DNA mixtures according to current guidelines

> Tools for analysis and visualization of fragment length analysis results

> Calculation of the Likelihood ratio (binary and continuous methods)

> Separation of DNA mixtures in most probable contributors across all components

> Immediate operability for mixture calculations

> Comprehensive dataset of kit and population data, as well easy import options for bin- and panel files

> Data transparency with the integrated audit trail

Attractive presentation of the EPG with a wide range of editing options

Make more of your lab routine. With GenoProof Mixture 5!

Get test access for free: www.genoproofmixture.de

Integrated report templates

Needs-based convergence diagnostic display

Extended measurement phase

Adaptions to drop-in events

Separation of mixtures in contributor proportions

NEW FUNCTIONS - EVEN MORE POSSIBILITIES

Batch mode for fully continuous LR-calculation
Transfer calculations to the server and continue working on other projects – or perform urgent calculations locally, independent from the queue.

Identify major and minor contributors
Use the fully continuous LR-calculation to determine the percentual shares of the mixture components.

Extend calculation automatically
When quality parameters are not met, the iteration phase is extended automatically.

Use panel-specific detection values in fully continuous LR-calculations
Benefit from consistent approaches to peak height evaluation of fragment analysis and calculations.

Access the convergence diagnostic results at any time
Open the convergence diagnostic results at any time and evaluate the results of your fully continuous LR-calculations.

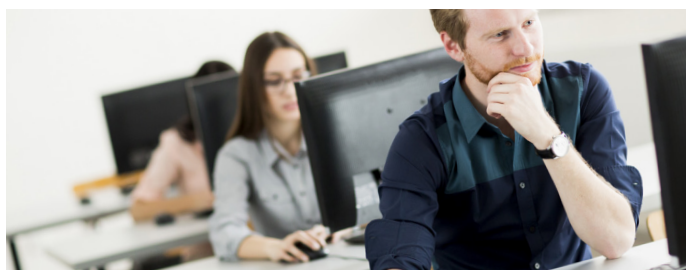### More data in included report templates and the fully continuous LR-report
Benefit from the improved fully continuous LR-report, now including more data to mixture components, quality parameters, projects and samples. With this version, even more report templates are included.

New possibilities to determine drop-in parameters
Adapt the drop-in parameters to your laboratory with integrated tools and functions for fully continuous LR-calculations.

Additional options in the system
Easy access to the user manual in the software – get answers to your questions or ask our support.

GenoProof Mixture 5 has been **developed in Germany and in collaboration with forensic laboratories**. Process optimization are validated with more than 1000 case samples **according to current guidelines**.

We are happy to support you! Our **extensive training program** allows for the fast and easy start of your DNA analysis with GenoProof Mixture 5.

More information see www.qualitype.de/de/academy

THE WORLD OF SAMPLES
REVEALED WITH A CLICK.