

Certification of successful laboratories

A certificate is issued by the Stain Commission, stating that the participating laboratory has successfully passed the proficiency test for the specified loci.

False results are not explicitly mentioned but are excluded from the list of successfully typed loci.

The certificates are based on the final evaluation of the workshop and include all alterations which have been agreed and validated after making the results public, counter-checked by the Prof. Bernd Brinkmann and Dr. Carsten Hohoff, the directors of the GEDNAP proficiency tests.

Laboratories have the right to appeal at this stage if a typographical error has been made by the organising laboratory. When the certificate is sent out, information to this effect is included in the accompanying letter.

Targeted Quality Management

The GEDNAP proficiency tests enable forensic laboratories to demonstrate their competence in stain analysis, in sample analysis for national DNA databases and in paternity testing, using mtDNA, X-STRs, Y-STRs and autosomal STRs.



Prof. Brinkmann
Institut für forensische Genetik GmbH

Im Derdel 8, 48161 Münster, Deutschland

Tel +49(0)2534 53869-10

Fax +49(0)2534 53869-14

info@ifg-ms.de

www.ifg-ms.de



Akkreditiert nach
DIN EN ISO/IEC 17025
für forensische DNA-Analysen

August 2014



IFG

Institut für Forensische Genetik

gednap
German DNA Profiling



**International proficiency tests
for DNA profiling**

Prof. Brinkmann
Institut für forensische Genetik GmbH

GEDNAP History

The Stain Commission was founded by the German Society for Legal Medicine in the 1980s with the purpose of organising laboratory proficiency testing for stain analysis.

Subsequently, Prof. Bernd Brinkmann (University of Münster) introduced the German DNA Profiling (GEDNAP) proficiency tests.

Initially designed for German-speaking (and a few Dutch and Scandinavian) laboratories, widespread participation by other nations has made the GEDNAP proficiency tests the largest stain-DNA profiling quality control exercise in Europe and possibly internationally.

Successful laboratories receive proficiency certificates. Results and typical errors are presented anonymously at the annual Stain Workshops.



Application and Registration

Participation in the GEDNAP proficiency tests is open to any laboratory, whether a private institute, university institute or governmental laboratory, from any country worldwide. Any participant using a substitute or affiliated laboratory is welcome to participate but is not eligible for final certification.

In recent years over 220 laboratories from 40 countries have participated in GEDNAP. There are two GEDNAP proficiency tests per year.

For certification, it is sufficient to participate in one test, although both tests are strongly recommended.

Please use the on-line registration form (deadline October 1st) at www.gednap.org

Anonymity

Each incoming registration is assigned a code number (laboratory number) for that year. This ensures an unbiased treatment of each laboratory, and enables laboratories to maintain anonymity at all stages of the subsequent process.

Results and Annual DNA Stain Workshop

The test samples are prepared by the IFG according to the recommendations laid down by the ISFG.

Each participating laboratory receives, by mail, a set of samples, along with documentation necessary for returning the results.

The evaluation of your laboratory results (deadline for submission December 4th) is reviewed by the Stain Commission and then presented to the participating laboratories at the annual Stain Workshop (end of February).

Summary statistics or laboratory codes are used throughout the presentations to ensure the anonymity of each laboratory.

Participation in the workshop is recommended but optional. At the workshop, all participating laboratories receive a closed envelope, containing their individual result scores. Laboratories not attending the workshop receive their individual results by mail, after the workshop.