

Quality and Safety

Reliable results are ensured by our experienced scientists and technical staff, and by our **quality management system** accredited to international standard **DIN EN ISO / IEC 17025**. Analyses are carried out under strict **quality criteria** and high **safety standards**. Each result is reviewed by two scientists before you receive the results in an official written report.



With us you remain authentic



Prof. Brinkmann Institut für forensische Genetik GmbH

Im Derdel 8
48161 Münster
Germany

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

April 2015

Authentication of Cell Lines



Molecular genetic reports for cell line authentication

Prof. Brinkmann
Institut für forensische Genetik GmbH

Why authenticate cell lines

The use of cell cultures in research and development has been established for some decades. Recent years however have shown that a number of popular cell lines do not correspond to their assumed origin. To avoid artefacts arising from contamination or mix up with other cells, the cell lines used should be checked regularly for their genetic identity.

Numerous scientific journals and funding agencies already require proof of authentication of used cell lines.

Improve the quality of your research and ensure the validity of your results by regularly checking the identity of your cell lines.



Our services

For authentication of human cell lines, we offer an investigation with highly-informative profiling kits such as Promega's PowerPlex® 21 kit.

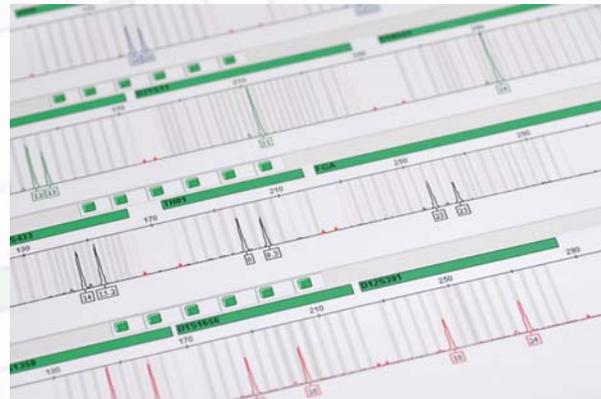
We deploy our considerable experience in forensic DNA analysis of mixed profiles.

Depending on your sample material (genomic DNA or pellets), we extract the DNA and test it for informative markers.

We then search the resulting DNA profile among your comparison data or published data in the appropriate reference databases.

You will receive an official, written report on the authentication of your cell line.

For order forms and more information, see www.ifg-ms.de.



About the IFG GmbH

The IFG GmbH is one of the best known molecular genetic laboratories in Europe. It emerged from the academic working group „Forensic Genetics“ of the Institute of Legal Medicine at the University of Münster.

The company founder Prof. Dr. Bernd Brinkmann was for many years the head of the Institute of Legal Medicine and has a worldwide reputation.

Highly qualified scientists, experienced laboratory and administrative staff work in the IFG GmbH.

The IFG GmbH is recognised as a leader in its field, both nationally and internationally. Prof. Brinkmann's working group has established guidelines and standards, as well as the international GEDNAP proficiency tests for quality control, in the fields of parentage testing and forensic DNA analysis.