

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV

Signatory to the Multilateral Agreements of
EA, ILAC and IAF for Mutual Recognition

Accreditation



The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory

Eurofins Medigenomix Forensik GmbH
Anzinger Str. 7a, 85560 Ebersberg

is competent under the terms of DIN EN ISO/IEC 17025:2005 to carry out tests in the following fields:

Forensics

Testing areas

Forensic Genetics (Paternity testing, scene of crime samples, reference samples)

Testing methods

Polymerase Chain Reaction (PCR), Pretests to identify the kind of traces

Test items

- Genomic DNA from forensic traces, buccal scrapes, saliva, blood, human tissue samples
- mitochondrial DNA from buccal scrapes, saliva, blood

The accreditation certificate shall only apply in connection with the notice of accreditation of 02.11.2012 with the accreditation number D-PL-18779-01 and is valid until 25.03.2017. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 2 pages.

Registration number of the certificate: **D-PL-18779-01-00**

Frankfurt am Main,
02.11.2012


Uwe Zimmermann
Head of Division

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf.

Deutsche Akkreditierungsstelle GmbH

German Accreditation Body

Office Berlin
Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Gartenstraße 6
60594 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

The publication of extracts of the accreditation certificate is subject to the prior written approval by DAKKS Deutsche Akkreditierungsstelle GmbH. Exempted is the unchanged form of separate disseminations of the cover sheet by the conformity assessment body mentioned overleaf.

No impression shall be made that the accreditation also extends to fields beyond the scope of accreditation attested by DAKKS.

The accreditation was granted pursuant to the Act on the Accreditation Body (AkkStelleG) of 31 July 2009 (Federal Law Gazette I p. 2625) and the REGULATION (EC) No 765/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products (Official Journal of the European Union L 218 of 9 July 2008, p. 30). DAKKS is a signatory to the Multilateral Agreements for Mutual Recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC). The signatories to these agreements recognise each others' accreditations.

The up-to-date state of membership can be retrieved from the following websites:

EA: www.european-accreditation.org

ILAC: www.ilac.org

IAF: www.iaf.nu

Deutsche Akkreditierungsstelle GmbH
German Accreditation Body

Annex to the Accreditation Certificate D-PL-18779-01-00
according to DIN EN ISO/IEC 17025:2005

Period of validity: 02.11.2012 to 25.03.2017

Holder of certificate:

Eurofins Medigenomix Forensik GmbH
Anzinger Str. 7a, 85560 Ebersberg

Tests in the fields:

Forensics

Testing areas:

Forensic Genetics (Paternity testing, scene of crime samples, reference samples)

Testing methods:

Polymerase Chain Reaction (PCR)

Pretests to identify the kind of traces

The laboratory is permitted within testing area(s) marked with *), without being required to inform and obtain prior approval from DAkkS the modification, development and refinement of test methods.

The listed test methods are exemplary. The laboratory maintains a current list of all test methods in a flexible scope of accreditation.

Test field: Forensic Genetics

Test methods: Polymerase Chain Reaction (PCR)*

Test parameter	Test material	Test method
Genotype, parentage	human DNA from: buccal scrapes, blood, saliva	STR-Analyses: PCR with subsequent electrophoreses and allelic mapping of PCR-products
Genotype, parentage	human mitochondrial DNA from: buccal scrapes, blood, saliva	DNA-Sequencing: Single plex PCR with HV1 and HV2 specific primers Sequencing of PCR products Sequence comparison with database
Genotype, scene of crime samples	human DNA from: human materials, forensic traces and tissue samples	STR-Analyses: PCR with electrophoreses and allelic mapping of PCR-products
Genotype, reference samples	human DNA from: buccal scrapes, blood	STR-Analyses: PCR with electrophoreses and allelic mapping of PCR-products

Individual tests (Pre-tests to identify the kind of traces)

Test parameter	Test material	Test method
Saliva (Amylase)	Trace	Amylase test for verification of saliva
Sperm	Trace	Stiasny staining for verification of sperm, Immunochemical verification of PSA in ejaculate
Acid phosphatase	Trace	Phosphatesmo test for verification of acid phosphatase
Blood traces	Trace	Imunochemical blood test for verification of human hemoglobin Chemical blood verification (Combur Test)
Common identification of type of trace	Trace	Microscopy
Human DNA	DNA from: buccal scrapes, blood, saliva, human materials, forensic traces and tissue samples	Quantification of DNA in extracts with Real-Time PCR amplification of human specific gene loci