



DNAPLANET



Please note the regulations of the German Genetic Diagnostics Act!

We are legally obliged to collect written declarations of consent to the test from all persons participating in the test and concerned by the test (e.g. all custodians of a minor child).

Your reliable and inexpensive paternity test from **DNA PLANET.**

Your German professional laboratory!

We have the quality of our research checked several times a year by independent organisations. We receive the most important certificates through the "Deutsche Gesellschaft für Rechtsmedizin" (German Society for Legal Medicine), the International Society of Forensic Genetics and the Association of American Blood Banks.



DNAPLANET

What is a DNA paternity test?

The DNA-paternity test clarifies if a specific man is the biological father of a specific child. The DNA of the man is compared to the DNA of the child. If everything matches, the man is confirmed as the father. If all the DNA does not match, the man is shown not to be the father.

Background: Every person carries a unique genetic code. This code is encoded in Deoxyribonucleic acid (DNA). The sequence of the chemical components of the genetic code determine every aspect of our body. Parents pass on their DNA to their children. One-half comes from the father, one-half from the mother. Many sections of the DNA match many individuals exactly whereas others are different in different individuals. These sections allow for DNA-analysis. The exact chemical make-up of the DNA section is examined. The result is the so-called "genetic fingerprint," that distinctly identifies each person. This genetic fingerprint can also be used to determine other lineage relationships such as siblings or grandparents .

How reliable are the test results?

You receive an unmistakable result with a probability statement for the paternity. This is shared with you as a percentage and as a verbal grade. Normally, we can confirm the paternity of someone with a probability higher than 99.99 percent, or, with a probability of 0% rule it out. The involvement of the mother in the test also adds another degree of confirmation .



What is needed for the test?

A saliva sample from the father, mother and child or just the father and child are needed for the DNA-paternity test.

The certainty of the test is not, incidentally, dependant on the nature of the sample material. DNA can also be extracted from a toothbrush, from blood or from a swab with buccal cells. Hair is not particularly suitable for an analysis of the line of descent. Samples other than saliva can only be accepted in special circumstances (e.g. if one of the test persons is deceased).



What is the procedure of the test?

1. place your order:

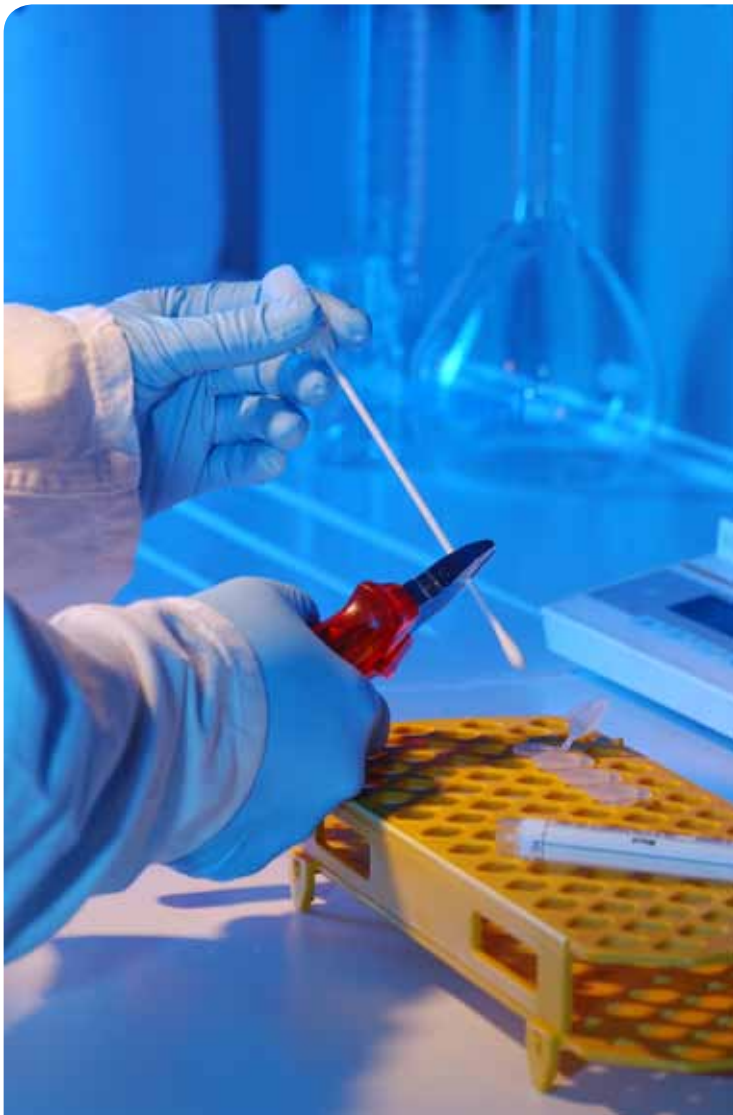
Order your test set with the materials for the paternity test for free by e-mail.

2. obtain test set:

You will receive your test set free of charge through the post. The test set contains a swab for the saliva sample, directions for use, and a return envelope.

3. sampling:

Take a sample of saliva according to the directions at home and send the sample back to us. Please send your samples together with the signed contract and with the signed consent form.



4. payment:

Transfer the amount to our bank account or use your credit card or PayPal for your payment.

5. results:

You will receive the results of the test within approximately 8-10 days. If you need your results quicker, please chose our express option and you will receive the results within 5 working days.



Prices

You send the saliva samples and you will receive your test result within 8-10 working days after we have received the samples.

Prices for samples other than saliva upon request (only acceptable in special circumstances, e.g. one of the test persons is deceased).



Father and child	189,00 Euro
Father, child and mother	189,00 Euro
each additional person	99,00 Euro

kinship test (e.g. brothers and sisters) up to 3 persons	645,00 Euro
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You need to use the result in court or for authorities?

If the results of a paternity or other kinship test are to be used as valid evidence in court, several conditions must be fulfilled. First of all, the identity of the involved people has to be ascertained without doubt by an authorised person before the taking of the test samples. For this, independent witnesses such as a lawyer or doctor are suitable. In other words, all samples (usually swab samples) received in our laboratory for DNA analysis must be accompanied by a chain of custody. This witness completes a record of the taking of the swab sample and sends the samples back to us. Additionally, we offer our consultation by appointment at which you can get advice and afterwards have the paternity tests taken by us.

You may order our identity documentation form by phone (0641/2099102) or simply download to your computer at www.dna-planet.com/identformular.

DNA Planet does not charge for the identity documentation procedure!

You need your test result sooner, in another language or in additional copies?

express test (result within 5 working days) 129,00 Euro

result of the paternity or kinship test in:
English, French, Italian, Turkish or Latvian 20,00 Euro

Mailing the result to an additional addressee (each) 10,00 Euro



DNA PLANET laboratory: Quality and Confidence

All analyses are carried out in our laboratory with the highest German quality standards in effect. The experienced team specializes in DNA-analysis and monitors the complete process, from arrival of your samples, to the shipping of the report with your test results. Dr. Michael Jung is a member of the International Society for Forensic Genetics: www.isfg.org

- » German DNA-expert laboratory
- » Qualified team
- » High level of automation
- » Certified by interlaboratory tests since 1999
- » Triple check of samples before release of test results

A paternity test is a matter of trust - Rely on our long-standing experience: DNA Planet - paternity tests since 1999



2000



2001



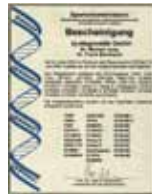
2002



2003



2004



2004



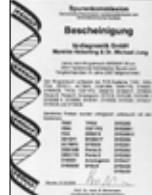
2004



2005

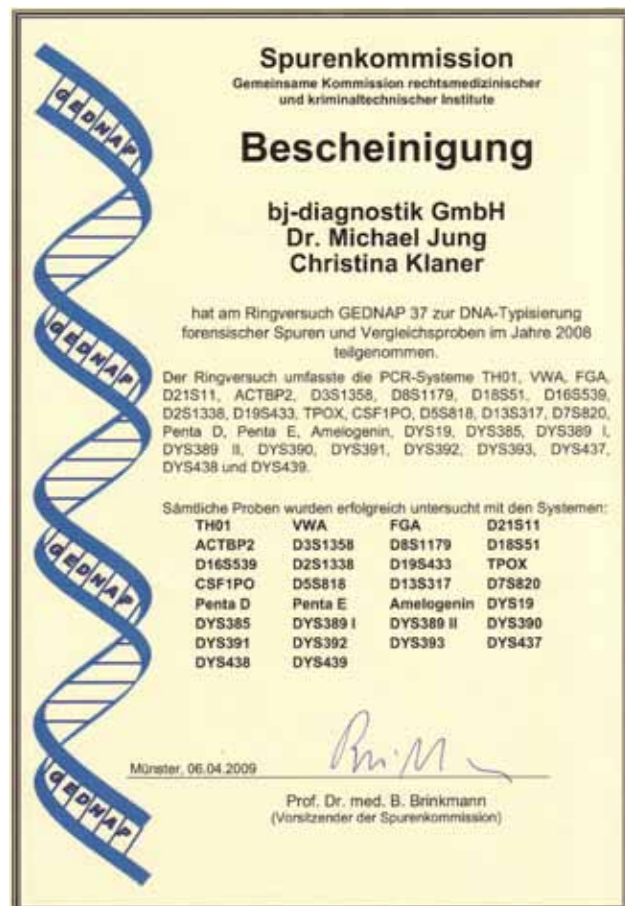


2006



2007

Our certificates confirm the successful participation in various quality management assurance programmes. National: German Society for Legal Medicine (Deutsche Gesellschaft für Rechtsmedizin), GEDNAP



2008

Certificates for the current year are awarded in spring of the following year.



Participation in GeDNAP quality assurance testing is only one component of our laboratory quality assurance. We have established an innovative and efficient quality control procedure. This computer-aided control system has been developed as part of a diplom thesis in cooperation with the bio computer systems department at the University of Applied Science in Giessen. Dr Michael Jung has sponsored and supervised this work on behalf of DNA Planet. Use the following link to learn more about our quality control system: www.samplecheck.de

Any questions?

Please contact us and take advantage of our free-of-charge consultation!
We are looking forward to your phone call or e-mail.

phone	0049 641 2099102
e-mail	info@dna-planet.com
web	www.dna-planet.com



Dr Michael Jung

Please visit us in our laboratory!

Kerkrader Strasse 11
35394 Giessen

In the following we have summarised the frequently asked questions for you.
You will find additional information at www.dna-planet.com

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Chief Executive Officer: Dr. rer. nat. Michael Jung — Local court register HRB 3196

International tax identification number (VAT registration number): DE 812546788



DNAPLANET

Frequently Asked Questions

- **What is the genetic fingerprint?**

Every person carries a unique genetic code. This code is encoded in Deoxyribonucleic acid (DNA). The sequence of the chemical components of the genetic code determine every aspect of our body. Parents pass on their DNA to their children. One-half comes from the father, one-half from the mother. Many sections of the DNA match many individuals exactly whereas others are different in different individuals. These sections allow for DNA-analysis. The exact chemical make-up of the DNA section is examined. The result is the so-called "genetic fingerprint," that distinctly identifies each person. This genetic fingerprint can also be used to determine other lineage relationships such as siblings or grandparents .

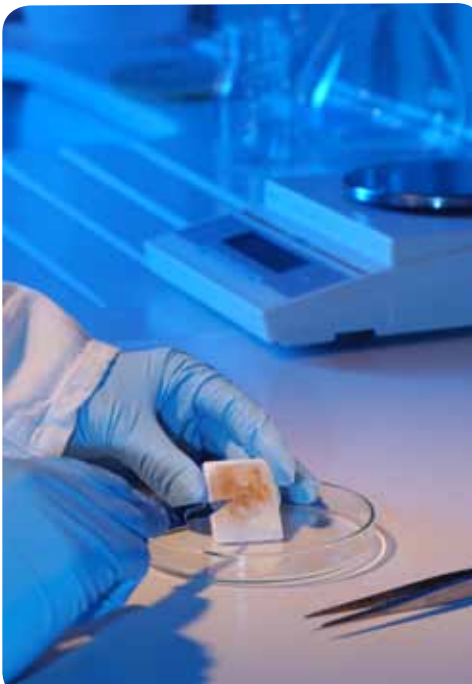
We analyze 16 markers, which (apart from the gender) do not allow any conclusion about human characteristics like appearance or genetic illnesses!

- **What is a saliva sample test?**

DNA can be extracted from many body materials. The easiest possibility is taking a saliva swab. This method yields enough body cells to isolate DNA. We provide a free-of-charge test set with detailed instructions how to take the saliva swab.

- **Why is there no need to provide blood samples?**

Blood also contains DNA. It is, however, much more simple to take a saliva swab. This is also the reason why saliva tests are used for forensic research (e.g. in the search for criminal offenders). The saliva test is internationally recognized by the courts. In former times, paternity tests used blood typing. Reliability of these tests, compared to modern DNA analysis, is very limited.



Especially for babies and children taking blood samples is stressful and may also involve health hazards.

- **How do you share results?**

You receive an unmistakable result with a probability statement for the paternity. This is shared with you as a percentage and as a verbal grade. Normally, we can confirm the paternity of someone with a probability higher than 99.99 (usually with 99.9999 percent), or, with a probability of 0% rule it out. The involvement of the mother in the test also adds another degree of confirmation.



- **How reliable is the DNA paternity test?**

We analyse 16 genetic markers per person. They are located on various chromosomes. Our test is standardized and validated. This guarantees maximum reliability. Accidental correspondence of all markers between two persons are practically excluded. You will receive an unmistakable result with a percentage for the paternity. If required, we can expand the test with additional markers. We can also include initially excluded persons into the test (e.g. the mother).

- **Must the child's mother take part in the test?**

In most cases, a clear, scientific result is able to be presented without the mother's involvement. There are a few cases which the mother should also be tested in order to present a clear result. If this should be the case, we will inform you and ask you for a sample from the mother. An example is if, in addition to the man being tested, a close relative of him might be the father. If you need to use the test in court or for authorities, we recommend to include the mother in the test.

However, the involvement of the mother in the test also adds another degree of confirmation. If you receive a test result of 99.992% in a father and child test, you may reach 99.9999% or 99,9999% if you include the mother. Each additional 9 after the comma means the test is app. 10 times more accurate.

If the test involves minor children, please note that the mother has to give her consent to the test, if she also has custody of the child (Genetic Diagnostic Act, Februar 2010), even if she does not participate in the test.

- **Who can be tested?**

Every human being can be tested directly after birth. The test persons are not allowed to eat or drink anything for 30 minutes before taking the mouth swab. You take the mouth swab and send the samples to us by post.

- **How long does it take to receive the results?**

Results of the test are received in approximately 8-10 days (5 days express).

- **How do you protect my personal data?**

Immediately upon receipt, your samples are anonymized. Your result will be sent to you in writing or in the form chosen by you. Our processes, facilities, and equipment ensure the privacy and confidentiality of each and every customer's data. No other persons or institutions are given access to your data. Your samples are destroyed after analysis. DNAPlanet holds strictly to the standards set up by the federal data protection laws.



- How do you perform quality assurance?

Our laboratory presents certificates of national (GEDNAP) and international (American Association of Blood Banks, AABB und International Society for Forensic Genetics, ISFG) independent quality assurance measures. GEDNAP measures are conducted by the German Society for Legal Medicine and supervise the reliability of laboratories.

Our expert team and modern equipment guarantee reliable results.

- Questions regarding paternity and kinship

We can also test several children or several potential fathers. When conducting kinship analysis with persons with different genealogy there are many options, which means that there are only few standard solutions. Please contact us regarding your kinship analysis and we define an individual concept of analysis together with you.

- How do I receive my test set?

Please order your free-of-charge test set with instructions by phone or online by e-mail. You will receive the test kit usually the next day. If you have any questions, please do not hesitate to contact us.

- Do courts recognise the test result?

If the results of a paternity, maternity or sibling test are to be used as valid evidence in court, several conditions must be fulfilled. First of all, the identity of the involved people has to be ascertained without doubt by an authorised person before the taking of the test samples. For this, independent witnesses such as a lawyer or doctor are suitable. In other words, all samples (usually swab samples) received in our laboratory for DNA analysis must be accompanied by a **chain of custody**.

This witness completes a record of the taking of the swab sample and sends the samples back to us. You may order our identity documentation form by phone (0641/2099102) or simply download to your computer at www.dna-planet.com/identformular. Additionally, we offer our consultation by appointment at which you can get advice and afterwards have the paternity tests taken by us.

If you have additional questions, please do not hesitate to contact us!

