



Please print out these pages. These are your instructions, forms and information about DNA testing and the service we provide.

DNA SOLUTIONS - ISO 17025 Accredited

Rest assured with DNA SOLUTIONS accreditations, qualifications and experience. DNA SOLUTIONS has been performing sibling tests for over 12 years with qualified and experienced scientists and doctors. To date we have carried out over 50,000 DNA tests, and boast a state of art DNA facility with cutting edge DNA analysis techniques and equipment.

THE HOME TEST KIT

The kit in front of you is all you need to obtain the most accurate DNA test using some of the latest DNA analysis technologies and methodologies in the world today. You only need to rub the buccal swab on the inside of the cheek for several seconds, and mail them back to us. We will then analyze specific areas of DNA to give you a test result.

Enclosed you will find the Sample Submission Form, which you must fill out. You only need to include details of those people who are being tested. Write on the Sample Submission Form the name of each person being testing.

TAKING A SIBLING TEST

We have a range of high quality sibling tests from our ISO-17025 Accredited laboratory. DNA SOLUTIONS can offer you various tests, such as a sibling test, Y chromosome test for male lineage or an X Chromosome Test for female relationship. Prices below are for testing 2 people. Often it is useful to include DNA from either parent or additional siblings to increase the accuracy of the test.

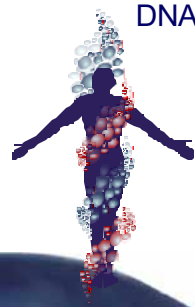
KINDS OF SIBLING TESTS

DNA SOLUTIONS offers you the choice of sibling DNA testing services:

- **Y CHROMOSOME** Test, for Male relationships, (Brother-Brother) - **\$290**
- **X CHROMOSOME** Test, for Female relationships, (Sister-Sister) - **\$290**
- **MITOCHONDRIAL** Test, for determine mother relationships, - **\$295**
- **FULL SIBLING** Test, for mixed relationships, (Brother-Sister) - **\$350**

FOR THE ABOVE 4 TEST EACH ADDITIONAL PERSON COST \$79

DNA SOLUTIONS , making our tests more accurate than any other laboratory.





ABOUT THE SIBLING TESTS

Y Chromosome Test - To test males only. The father passes his Y chromosome along to each of his sons, thus making his sons male. Therefore, this is a direct inheritance of the Y chromosome that does not get complicated by the sex genes received from the mother.

Possible scenarios in which a Y test will answer the question:

1. Brothers who want to know if they have the same father.
2. Grandfather/Grandson trying to find out if the son of the grandfather is the father of the grandson.
3. Uncle/Nephew trying to find out if the brother of the uncle is the father of the nephew (requires the father and uncle to have the same father).
4. Cousins if the cousins' fathers are brothers (who share the same father).
5. Further extension of paternal lineages as long as the paternal lineage of father-son-father-son is unbroken, we can test very distantly related paternal relatives.

X Chromosome Test - To test female to female. Males are XY and females are XX. To make a female child, the father must donate his X chromosome and the mother donates either one of hers. To make a male child, the father donates his Y chromosome and the mother donates either one of her X's.

Possible scenarios in which an X test will answer the question:

1. Sisters with different mothers and want to know if they have the same father.
2. Sisters with the same mother, want to know if they have the same father, must provide a sample from the mother.
3. Grandmother/Granddaughter trying to find out if the son of the grandmother is the father of the granddaughter.

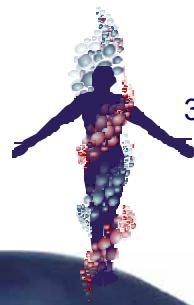
Mitochondrial Test - Mitochondrial DNA is passed from Mother to children. Men have Mitochondrial DNA but they do not pass it on. Mitochondrial DNA is only inherited from the Mother, so it is the ideal test to see if siblings have the same biological mother. The accuracy of the test depends very much on the type of mitochondrial DNA you have. If two matching people have a rare type of Mitochondrial DNA then they are more likely to be siblings, than two people who match with a common type of mitochondrial DNA. The probability of you being related is calculated after we know what type of DNA you have.

Full Sibling Test - The full sibling DNA test works by analyzing DNA in each sibling and calculating the likelihood of them being related or not. This test is 80% accurate and looks at the amount of DNA sharing between siblings. Accuracy is drastically increased with DNA from other siblings or the mother.

Possible scenarios in which a Full Sibling test will answer the question:

1. Any two siblings trying to determine if they are siblings. We can tell them if they are full siblings (both parents in common), not related (no parents in common), or half siblings (one parent in common, but we will not be able to tell them which parent they have in common).
2. If you are trying to determine if someone is the father, but cannot obtain his sample, we can test the child in question and the alleged fathers parents. We do need both of his parents to do this test. Similarly, we can use both maternal grandparents and determine if their daughter was the child's mother.
3. Any combination of aunt/uncle/niece/nephew and we will calculate statistics about the likelihood that they are related.

Please contact us to discuss any other biological relationship tests.





PROCEDURE FOR CHEEK SWAB COLLECTION

If you are not using DNA SOLUTIONS swabs, as provided in our free kit, you can use 4 Q-tips (cotton buds) for each person being tested.

If you are sending us a discrete sample, then a used toothbrush is the best discreet option.

STEPS:

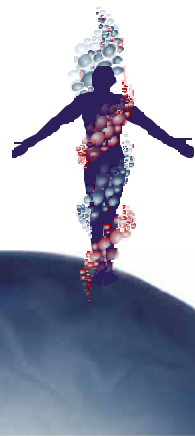
1. Label a **paper-bag** or **paper-envelope** with name of the person to be tested Please ensure the same information is written on the Sample Form (the following page).
2. Take the brand new **buccal swab** from its packet and gently rub the bristled end on the inside of the cheek up and down for around **10 to 15** seconds. Using the same **buccal swab** repeat again, on the inside of the other cheek.
3. **Instead of the buccal swab you can use 4 Q-tips (cotton buds).**

You **MUST cut the head of one side of the Q-tip**, so we KNOW which side of the Q-tip contains the DNA! After you have cut the head of the Q-tips on one side, hold the handles of 2 cotton buds in one hand and rub the head of the bud on the inside of the cheek. Rubbing up and down firmly inside the cheek for at least **15** seconds.

Repeat on the other side of the cheek with the other 2 cotton buds (4 in total, 2 per cheek)

4. Immediately place the cotton buds or **buccal swab** into a paper-bag or envelope (DO NOT use a plastic bag) clearly labeled for that person, and mail with forms and payment to DNA SOLUTIONS.

DNA SOLUTIONS LLC.
80 SW 8th Street
Suite 2000
MIAMI FL 33130
USA





SAMPLE SUBMISSION FORM

Relationship: same name or label as written on the samples you are giving us to test.

Relation #1: _____ Ethnic Background * _____

Relation #2: _____ Ethnic Background * _____

Relation #3: _____ Ethnic Background * _____

Relation #4: _____ Ethnic Background * _____

Please state ethnic origin (or country) such as Asian, Latin American, African American, European, Native American, polyenesian, etc.). If you do not know, then please put 'unknown'. This allows the test to factor for any differences in ancestry.

Please check the appropriate boxes below:

- I have paid for a Y Test \$290 (minimum 99.9% accuracy)
- I have paid for a X Test \$290 (minimum 99.99% accuracy)
- I have paid for a Mitochondrial Test \$295 (minimum 99.9999% accuracy)
- I have paid for a Full Sibling Test \$350 (minimum 99.9999% accuracy)
- I am having _____ extra persons tested (children or possible fathers) \$79 per extra person
- Discreet Testing Samples _____ \$89 per sample
- I would like a print out of a sample of the DNA band images (\$15 extra)

Please Note: A written report of your results is always supplied. DNA band images only supplied when box ticked (above). DNA Band Images only for Y test and Full Sibling Test

Please indicate how you would like to receive your test results, select one or multiple options.

Telephone: _____ Email _____

Normal mail _____

PAYMENT OPTIONS:

The total amount for this test is: \$ _____

I will be paying part amount of: \$ _____

BANK OF AMERICA

Account Number 5491231603 / FLORIDA

ROUTING NUMBER 026009593

SWIFT: BOFAUS3N

**Please send a copy of the bank slip*

the remaining amount will be paid by:

Name: _____

Visa MasterCard Bank transfer Pay Pal (dnapay@dnasolutions.org)

Money Order (Payable to DNA Solutions)

Name on Card: _____

Card Number: _____

Expiry: _____

**TERMS AND CONDITIONS**

1. We (DNA Solutions) warrant that the result of the analysis of biological samples provided, whose testing you authorise, is correct but subject to a margin of error of 0.001%. No further representation, warranty, or undertaking is given or made in relation to the result of analysis.
2. The information contained in the result of analysis is prepared solely for the use of the customer to whom it is given or sent by DNASolutions.
3. In the very unlikely event that the result of analysis is found to be in error, being the error caused by DNA Solutions or one of its partners, we shall refund to you any amount you have paid us in respect of the analysis. Alternatively, we shall perform further analysis at no charge to you, the customer.
4. Subject to paragraph 3 above, we shall not be liable for any loss or damages suffered by you or any other person as a result of the provision to you of a result of analysis, the activity of the company or any error that may occur while the samples are in possession of DNA Solutions.
5. We make no representation, express or implied, that the result of analysis is fit for any particular purpose. If you intend to use the result of analysis in any court proceeding you should obtain independent legal advice with regard to your legal rights and with regard to the cost and practicalities of so using the result of analysis.
6. You warrant that you are legally entitled to possession of the samples you have provided to us. You agree to indemnify us against any loss or damage that we may suffer as a result of any illegal activity related to the requested service and in which you may have taken part directly or indirectly. You should obtain independent legal advice about your legal entitlement to take or obtain samples of biological material from persons other than yourself. We make no representation that you are legally entitled to perform any particular act in order to obtain biological samples for analysis, and we will not indemnify the customer or any other person for any illegal act derived directly or indirectly from the sample collection or the test.
7. If a supplied discrete sample is deemed to be insufficient for testing purposes, we will test one additional discrete sample at no extra charge. If this sample is also deemed insufficient for testing purposes, any further discrete samples tested will occur at an additional discrete sample fee. Discrete sample fees are non-refundable.
8. Test results are released only when all charges have been paid in full. Full payment is due once the laboratory has received the specimens and the fees are non-refundable.
9. If DNA Test services are canceled before shipping and/or handling a \$35.00 refund processing fee will be deducted.
10. You agree to allow any DNA information obtained to be used anonymously for scientific/statistical purposes.
11. DNA SOLUTIONS gives test results faster than its advertised time in over 99% of cases, no liability is accepted for late results. The promised date of receipt refers only to the result of the test, not including any additional report requested. We will not accept responsibility for any delay caused by a third party. Persons who have paid an additional fee for express results, shall receive 20% of that express fee refunded for every day past the promised date of receipt of results, or until the entire express fee is refunded in full.
12. DNA Solutions does not offer an on-site representation for ratifying the results. The client understands and accepts that, in the case the presence of a technician or any other personnel of DNA Solutions or any of its associates for any kind of process (for example a trial), this service will not be offered. In case of a subpoena the client will be responsible for any expense delivered from the displacement of the required person(s).
13. DNA SOLUTIONS will process 16 Loci for a 16-Loci test, 18 loci for an order of a 18-Loci Premium Test, and will process 23 loci for an order of a 23-Loci Super test. In the event that any loci fail to yield a result (ie. such as can more often happen with difficult, damaged or older samples) the customer shall accept a result allowing for at least 14 out of 16 (for a 16 Loci test), 16 of 18 (for 18-Loci Premium Test) and 19 of 23 (for 23-Loci Super Test) to have yielded a final result.

I hereby agree to the terms and conditions set out above and confirm the information I have given is correct.

Each person who wishes to receive a copy of written results must sign below.

SIGNED _____

NAME (Please Print) _____

DATE _____

SIGNED _____

NAME (Please Print) _____

DATE _____

For security purposes, if you want results over the telephone, we will ask for your security password. Therefore, ensure that you have nominated a security password. (see sample submission form)

PASSWORD: _____