More than DNA

Your guide to DNA and Hair Drug & Alcohol testing

Need advice about testing? Contact us online via SMS or Chat or call free on 0800 043 4247
DNA PATERNITY TESTING AND HAIR DRUG & ALCOHOL TESTING - THE COMPLETE PACKAGE

If you are involved in cases that require DNA relationship testing or Hair Drug & Alcohol analysis contact us today to learn how we can help.

With 25 years at the forefront of DNA paternity testing, a leading Hair Drug & Alcohol testing service and as one of the largest forensic laboratories in the UK, Cellmark is a name you can trust.
COMPETITIVE PRICING - Cellmark delivers industry leading service - at prices that were reduced to meet the latest MoJ guidelines.

FREE ADVICE - for you and your clients. Our experienced and professional customer services staff are on hand to assist you every step of the way. And it doesn’t cost more if you need to speak to a scientist!

PATERNITY TESTING IN 3 TO 5 DAYS
80% of cases are reported in just 3 working days – that is our standard service.

HAIR DRUG AND ALCOHOL TESTING IN 5-10 DAYS
A comprehensive testing and analysis service.

FLEXIBLE COMMUNICATION - register a case online, by phone, by email and by post. We also offer secure SMS and Chat services to make communicating with us as convenient as possible.

QUALITY ACCREDITATION - High quality ISO17025 accredited services.

CUSTOMER SUPPORT THROUGHOUT - from taking your case details, organising sampling appointments, keeping you updated on progress, delivering clearly written easy to understand case reports and answering your questions - all with no hidden extras!
Rapid results - as standard Cellmark offers a 3-5 day turnaround time, and we will manage the process from registration to report including arranging sampling appointments on your behalf if required.

Mouth swab sampling – a simple painless mouth swab taken by a local doctor or nurse to ensure that the results will be accepted in court. We can also arrange for samples to be taken in the client’s own home.

Conclusive results – comprehensive marker analysis to provide a probability of paternity in a standard paternity case in excess of 99.999%.

Legally approved results - as standard.

Customer service advice whenever you need it – we have an experienced team of customer services advisors who will provide advice and assistance and guide you through the process.

FOR MORE INFORMATION CALL 0800 043 4247

Standard 3 person DNA test £324 + VAT*

Complies with latest MoJ Legal Aid funding guidance

* a standard 3 person DNA Paternity test = cost of test + cost of report as per latest LAA guidelines.
Cellmark is the only company contracted to provide DNA relationship testing for the UK Border Agency.

We also undertake a large number of DNA relationship testing cases for private customers who require evidence of relationship to support their immigration and visa applications, or as part of an appeal against a decision based upon a disputed relationship.

We regularly arrange for samples to be taken from over 40 countries around the world.

In addition to conclusively resolving parent/child relationships DNA testing is helpful in identifying close relationships such as aunt or uncle/niece or nephew, grandparent/grandchild, or brother/sister.

DNA testing may also provide useful information to assess half brother/sister relationships. Our highly trained staff will discuss each case with you to ensure that the most appropriate ‘known’ relatives are tested and that the best DNA technology is used, to achieve the most conclusive result.
WILLS AND PROBATE

DNA evidence is becoming an increasingly popular means of resolving probate disputes. While standard relationship cases usually involve testing mouth swab samples, in cases where one of the parties is deceased collecting and analysing samples can be more complicated.

Cellmark has extensive experience of dealing with these matters and liaising with the coroner to collect the appropriate samples.

As well as our routine DNA testing processes we have an additional range of ISO17025 accredited DNA tests and forensic techniques which can be used in more complex cases to establish a close or distant familial relationship.

Y-chromosome testing
Y-STR markers on the Y-chromosome can be tested to investigate inheritance down the paternal line. Brothers share the same Y-STR profile as their father, his father and any other direct male relatives.

Mitochondrial sequencing
A small amount of DNA exists within tiny organelles called mitochondria which are found in most cells and are retained in hair shafts and bones. Mitochondrial DNA is inherited down the maternal line and is very useful for investigating relationships stretching back several generations.
Cellmark’s DNA testing service has been accredited by UKAS to the ISO17025 industry laboratory standard for over 15 years. Full details of this and our Hair Drug & Alcohol testing accreditation can be viewed on the UKAS website www.ukas.org. We also hold ISO9001, ISO14001 and ISO27001 accreditations.

The quality of the testing and analysis that Cellmark provides was referenced in the 2007 landmark and public judgement from Deputy High Court Judge Anthony Hayden QC. He highlighted the additional testing that Cellmark undertook on what was an extremely complex case, which ultimately provided the critical evidence to establish the correct familial relationships.

His final comment focusses on the added difficulties inherent in the analysis of more complex familial relationships:

“The experience of this hearing has been to underscore the need for greater clarity in relation to the terms of instruction to DNA experts, particularly where inter-sibling relationships are being analysed, as opposed to relatively straightforward paternity testing. It has also served to be a timely reminder of the importance of identifying the jurisdictional route by which such tests are ordered … and the need to ensure that suitably approved specialists are instructed.”
Cellmark brings its renowned level of scientific rigour, chain of custody management and industry leading customer service to our comprehensive Hair Drug & Alcohol testing service.

Our fully validated in-house methodology is based on state-of-the-art equipment and technology specifically selected to provide accuracy, quality and rapid turn around times.

As you would expect we offer a clear pricing structure, a network of trained sample collectors and standard analysis turnaround times within 5-10 working days including interpretative statements, all backed by advice and support on the end of the phone.

Our laboratory is accredited to ISO/IEC 17025:2005 to test for a wide and expanding range of drugs in hair. Details of Cellmark’s ISO17025 schedule of accreditation can be found at www.ukas.org.

Testing hair samples is a non-invasive method of providing evidence of an individual’s history of drug
or alcohol use. It can provide a record over a longer period of time (months rather than days) than all other traditional sample types such as blood, urine or oral fluid.

Using specialist laboratory analysis we are able to identify and measure a wide range of substances present in hair samples.

**CHRONIC EXCESSIVE ALCOHOL CONSUMPTION**

In addition to our drug panels we are also able to look for markers of “chronic excessive alcohol consumption” in hair samples, specifically ethyl glucuronide (EtG) and four fatty acid ethyl esters (FAEEs). If drug analysis has also been requested an additional hair sample must be collected for EtG and FAEE analysis and a minimum of 3cm of head hair is required. It is very important to note that these hair tests are not appropriate for testing for abstinence, social drinking or binge drinking.

At Cellmark we strongly recommend using hair alcohol tests as part of a complete case review to enable the correct interpretation, judgement and decisions to be made.

Additional tests offered by Cellmark include blood and urine tests which look for other indicators of alcohol consumption. A clinical assessment by a medical professional should also be considered.
DNA Testing:

Prices for our paternity tests are set out below - prices exclude VAT.

M=mother, F=father, C=child.

<table>
<thead>
<tr>
<th>M</th>
<th>F</th>
<th>C</th>
<th>£</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>£324</td>
<td>Standard (up to 3 person) test</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>1</td>
<td>£324</td>
<td>As above</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>1</td>
<td>£324</td>
<td>As above</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>2</td>
<td>£457</td>
<td>Standard test + 1 extra person</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>1</td>
<td>£529</td>
<td>Requires 2 paternity reports</td>
</tr>
</tbody>
</table>

The costs of DNA testing for immigration are higher because the analysis and reporting process is more complex and takes longer.

<table>
<thead>
<tr>
<th>People</th>
<th>£</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>£396</td>
<td>Standard (up to 3 person) test</td>
</tr>
<tr>
<td>3</td>
<td>£465</td>
<td>Standard test inc overseas courier fees</td>
</tr>
<tr>
<td>+1</td>
<td>£133</td>
<td>For each additional person</td>
</tr>
</tbody>
</table>

Call FREE on 0800 043 4247

Mondays 8.30am - 7.00pm
Tuesdays to Fridays 8.30am - 6.00pm
Hair Drug & Alcohol testing:

Cellmark offers a selection of Hair Drug & Alcohol tests and a simple pricing structure - prices exclude VAT.

<table>
<thead>
<tr>
<th>Test</th>
<th>£</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel A - common drugs</td>
<td>£399</td>
</tr>
<tr>
<td>Panel B - supplementary drugs</td>
<td>£399</td>
</tr>
<tr>
<td>Both panels</td>
<td>£549</td>
</tr>
<tr>
<td>Cannabis</td>
<td>£300</td>
</tr>
<tr>
<td>Panel A or B + Cannabis</td>
<td>£499</td>
</tr>
<tr>
<td>Both Panels + Cannabis</td>
<td>£649</td>
</tr>
<tr>
<td>Standard Alcohol (Blood + Hair)</td>
<td>£650</td>
</tr>
<tr>
<td>Enhanced Alcohol (above + Urine)</td>
<td>£750</td>
</tr>
</tbody>
</table>

Our Hair Drug & Alcohol testing prices include the cost of sampling, analysing the samples for a single period of time (up to 3 months) and the production of a test report.

For information on our full range of DNA and Hair Drug & Alcohol tests or if you are in any doubt about which test is best for your particular case, contact our Customer Service team on 0800 043 4247 for advice.
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IDENTIFICATION
INTERPRETATION
INNOVATION

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16 Blacklands Way, Abingdon Business Park, Abingdon, Oxfordshire. OX14 1DY, UK
Tel: +44 (0)1235 528609 Fax: +44 (0)1235 554147
www.cellmark.co.uk

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