

## DNA PROFILING TEST REPORT

**Alleged Father:** John Doe

**Name of Mother:** Jane Doe

**Name of Child:** James Doe

ALLEGED FATHER	PROBABILITY OF PATERNITY
John Doe	99.999999%

### Explanation of Testing

A DNA profile has been produced for each of the samples provided by the above named individuals. The test performed examines 15 Short Tandem Repeat (STR) loci (sections of repeat DNA) and the Amelogenin (gender) locus. The DNA seen at each of these STR loci is compared between the tested individuals. The probability of relationship is calculated by comparing the DNA profiles obtained to an untested random individual within the general population assuming a prior probability of 0.5.

### Statement

A comparison of the DNA profiles of John Doe and James Doe supports the hypothesis that John Doe is the biological father of James Doe. Based on testing results obtained from analysis of the DNA loci listed in the technical data, the probability of paternity is greater than 99.999999%.

The results obtained are consistent with the above child inheriting markers of the same size from the alleged father.

In cases where a close male relative of the tested man could be a potential father to the child it is recommended that where possible any such relative is tested as the result provided may be invalid in these circumstances. All tests are performed assuming a close male relative is not a potential father unless this information is provided prior to testing.

Signed: EXAMPLE

Position: Technical Manager – DNA

## DNA PROFILING TECHNICAL DATA SHEET

	ALLEGED FATHER	CHILD	MOTHER
Name	John Doe	James Doe	Jane Doe
Race	Caucasian	-	Caucasian
Date Collected	01/07/2013	01/07/2013	01/07/2013

STR Loci	Detected Alleles		Detected Alleles		Detected Alleles		PI
D3S1358	14	15	14	14	14	14	3.60
TH01	8	9.3	8	8	8	8	4.55
D21S11	29	32.2	30	32.2	28	30	5.38
D18S51	17	19	18	19	18	18	11.36
Penta_E	7	7	7	12	7	12	3.13
D5S818	11	12	11	12	12	12	1.54
D13S317	11	12	12	14	12	14	1.45
D7S820	11	11	10	11	10	11	2.35
D16S539	11	11	11	12	11	12	1.62
CSF1PO	11	13	11	12	10	12	1.72
Penta_D	9	13	9	13	9	10	2.56
AMEL	X	Y	X	Y	X	X	-----
vWA	15	18	15	16	14	16	5.05
D8S1179	13	15	13	15	13	13	5.68
TPOX	8	9	8	8	8	9	1.01
FGA	18	24	18	18	18	21	41.67

Combined Paternity Index (CPI): **141,426,658**

Probability of Paternity (%): **99.999999**

### Conclusion

This result provides very strong evidence of paternity.

Signed: EXAMPLE

Position: Technical Manager – DNA