

James Doe
16 Philadelphia Rd.
London, SW1E 6LB
UK

Order ID. : 1234567
Ebersberg, 30.06.2015

Paternity Test

DNA mouth swab samples from the following individuals were examined:

HID150629_044	Alleged Father	James Doe	08/06/1944
HID150629_045	Mother	Mary Doe	06/11/1954
HID150629_046	Child	Scott Doe	18/08/1978

For all involved persons, participant information forms completed by the sampler and photographs were attached. Furthermore, we received copies of ID documents. Copies of supporting documents are attached.

Method:

DNA isolation was carried out separately for all samples. Genetic characteristics were determined by the following PCR-single-locus-technology analysis.

Promega PowerPlex 21

With the Promega PowerPlex 21 Kits twenty one (21) independent PCR-systems were analysed: Amelogenin AM, D3S1358, D1S1656, D6S1043, D13S317, Penta E, D16S539, D18S51, D2S1338, CSF1PO, Penta D, TH01, vWA, D21S11, D7S820, D5S818, TPOX, D8S1179, D12S391, D19S433, FGA

In parallel, positive and negative controls were performed which gave the expected and correct results. The results were confirmed by retesting the original samples. All laboratory analyses, the selection of PCR systems and the biostatistical interpretation follow the recommendations of the DNA commission of the International Society for Forensic Genetics, ISFG.

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HRB 20 12 60
Amtsgericht München
Nord L/B

Ust-Id Nr. DE 285161076
Steuernummer 114/116/00159
Konto 200 350 189

BLZ 250 500 00
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Vaterschaftsanalyse-GA-EF-V3_140708

Results:

The results of the analysis are shown in the following table

DNA-System	DNA-criteria James Doe HID150629_044	DNA-criteria Mary Doe HID150629_045	DNA-criteria Scott Doe HID150629_046
AM	X, Y	X, X	X, Y
D3S1358	17, 18	16, 16	16, 17
D1S1656	13, 15	13, 16	13, 13
D6S1043	13, 19	18, 20	13, 17
D13S317	9, 12	11, 12	11, 12
Penta E	16, 16	6, 8	8, 16
D16S539	12, 13	13, 13	13, 13
D18S51	15, 16	16, 17	16, 17
D2S1338	18, 17	18, 21	20, 21
CSF1PO	12, 13	12, 14	13, 14
Penta D	13, 14	12, 13	13, 13
TH01	8, 7	7, 9	6, 9
vWA	16, 19	14, 19	16, 17
D21S11	31, 22	15, 27	31, 22
D7S820	11, 13	13, 13	13, 13
D5S818	13, 13	12, 14	13, 14
TPOX	9, 9	10, 10	9, 10
D8S1179	11, 15	13, 15	15, 15
D12S391	19, 24	19, 24	24, 24
D19S433	14, 15	15, 16	14, 15
FGA	23, 25	25, 26	25, 25

XY = male; XX = female

In all analyzed PCR systems, Mr. James Doe does show the genetic markers which have to be present for the biological father of the child Scott Doe. The biostatistical analysis of the PCR systems was performed according to the method of Essen-Möller. The probability of Mr. James Doe being the biological father of Scott Doe is > 99.9999 %.

Conclusion:

Based on our analysis and the biostatistical evaluation of the results, it is practically proven that Mr. James Doe is the biological father of Scott Doe. The genetic data are in accordance with Mary Doe being the biological mother of the child Scott Doe.

Expert Witness 1

Director Forensic Services

Expert Witness 2

Project Manager DNA-Forensics

Eurofins Medigenomix Forensik GmbH carries out all analyses with greatest care and on the basis of state of the art scientific knowledge. All results solely refer to the analysed samples. Our expert's reports must not be duplicated in extracts without consent of Eurofins Medigenomix Forensik GmbH.

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