



Genomic Diagnostics

LEADING THE WAY TO IMPROVE HEALTH

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19 February 2015

Our Ref: PT15000075

Form 5 Regulation 21M

PARENTAGE TESTING PROCEDURE REPORT

NAME OF CHILD WHOSE
PARENTAGE IS IN ISSUE: Baby-TEST TEST

PART I

1. I, of 60-66 Hanover Street, Fitzroy, 3065, Senior Scientist, am a person nominated by the laboratory specified below to prepare a report for the purposes of paragraph 69ZB(b) of the *Family Law Act 1975*.
2. I report that a parentage testing procedure being DNA typing has been carried out on the bodily samples contained in the sealed containers bearing the names of the following donors:

(a) Mary-TEST TEST	DOB: Not Supplied	Mother
(b) Baby-TEST TEST	DOB: 02/02/2015	Child
(c) Fred-TEST TEST	DOB: Not Supplied	Putative Father
3. The bodily sample (being a buccal swab) from Mary-TEST TEST referred to in item 2 is the same bodily sample as the bodily sample specified in the statement completed on 03 January 2015 by John Smith in accordance with Form 4 in Schedule 1 of the Family Law Regulations.

The bodily sample (being a buccal swab) from Baby-TEST TEST referred to in item 2 is the same bodily sample as the bodily sample specified in the statement completed on 03 February 2015 by John Smith in accordance with Form 4 in Schedule 1 of the Family Law Regulations.

The bodily sample (being a buccal swab) from Fred-TEST TEST referred to in item 2 is the same bodily sample as the bodily sample specified in the statement completed on 03 February 2015 by John Smith in accordance with Form 4 in Schedule 1 of the Family Law Regulations.



4. The parentage testing procedures were carried out at Genomic Diagnostics, 60-66 Hanover Street, Fitzroy, 3065 starting on 04 February 2015.
5. The results of the parentage testing procedures are set out in Part II of this report.
6. I report that the results of the parentage testing procedures carried out on the bodily samples of the donors specified above show that Fred-TEST TEST **is not excluded from identification as the father** of Baby-TEST TEST.
7. I further report that the probability that Fred-TEST TEST is the genetic father of Baby-TEST TEST has been calculated as follows:

Fred-TEST TEST is 4,367,294 times more likely to produce a child with the required alleles than a man drawn randomly from the Australian Caucasian population. This equates to a Relative Chance of Paternity of 99.99998%.

8. I further report that, when no exclusion of paternity is established, the probability that the putative father is the genetic father is calculated from the known frequency of the relevant genes in the Australian Caucasian population (i.e. the frequencies associated with the “random man”).

Dated: 19 February 2015

Nominated Reporter
Genomic Diagnostics

PART II

1. & The bodily samples referred to in Part I of this report were received at Genomic
2. Diagnostics, 60-66 Hanover Street, Fitzroy, 3065 on the following dates, and the following identification numbers were allocated respectively to the bodily samples in the containers in respect of which the parentage testing procedure was carried out:

- | | | |
|--------------------|------------------|------------|
| (a) Mary-TEST TEST | 04 February 2015 | GT15009027 |
| (b) Baby-TEST TEST | 04 February 2015 | GT15009028 |
| (c) Fred-TEST TEST | 04 February 2015 | GT15009029 |

3. The results obtained from the parentage testing procedure are:

TEST	MOTHER	CHILD		PUTATIVE FATHER
	Mary-TEST TEST GT15009027	Baby-TEST TEST GT15009028		Fred-TEST TEST GT15009029
		OBL. M	OBL. P	
D8S1179	13, 15	15	13	13, 12
D21S11	31.2, 30	30	29	29, 30
D7S820	9, 10	10	8	8, 12
CSF1PO	11, 9	9	10	10, 11
D3S1358	16, 15	15	14	14, 16
D13S317	12, 13	13	11	11, 14
D16S539	11, 12	12	12	12, 9
D2S1338	17, 25	25	25	25, 20
D19S433	14, 13	13	14	14, 14
vWA	19, 15	15	14	14, 16
TPOX	10, 9	9	8	8, 8
D18S51	12, 17	17	15	15, 14
D5S818	11, 12	12	10	10, 11
FGA	24, 22	22	19	19, 23

OBL. M: Obligate Maternal genetic contribution

OBL. P: Obligate Paternal genetic contribution

4. The results set out above in item 3 refer to the parentage testing procedures carried out under my supervision from 04 February 2015. The bodily samples were tested with the same primers and in parallel with appropriate known controls. Fragment length patterns were in accordance with scientifically accepted standards. I am satisfied that the results obtained have been correctly coded from the fragment pattern and that they have been correctly transcribed from the laboratory records.

Dated: 19 February 2015