

OAC 11-1



ARIZONA DEPARTMENT OF PUBLIC SAFETY
SCIENTIFIC EXAMINATION REPORT

AGENCY Phoenix Police Department
FILE NO. 200551799055
OFFICER DURAN #6287
DATE November 29, 2006
NAME(S)

DR NO. 2006732863
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~~DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.~~

The male DNA profiles obtained from Items #1.05A (left breast) and #1.05B (right breast) are mixtures of at least two individuals. The major component of both mixtures matches the DNA profile from Item #1 (Mark Goudeau) at all 16 loci. Therefore, neither Mark Goudeau nor any of his paternally related male relatives can be excluded as the contributor of this DNA. This profile has not been observed in the Applied Biosystems Yfiler haplotype database and is not expected to occur more frequently than 1 in 431 Caucasian males, 1 in 333 African-American males and 1 in 202 Hispanic males. Item #1H (Leon Lemonias) cannot be excluded as a minor contributor to both of these mixtures.

The male DNA profiles obtained from Items #2A (external genitals) and #4A (vaginal swabs) are mixtures consistent with the combined DNA profiles of Item #1 (Mark Goudeau) and #1H (Lemonias).

The male DNA profile obtained from Item #1A (circumoral swabs) is a mixture of at least three individuals. Item #1 (Mark Goudeau) and #1H (Lemonias) cannot be excluded as contributors to this mixture.

Portions of Items #1A, #2A, #4A, #1.05A and #1.05B have been retained in laboratory frozen storage.

PHOENIX PD DR#200660826857

Male human DNA was isolated from Items #1B, #2B and #3B. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

CUSTODY OF EVIDENCE

RECEIVED D.P.S. Property
DISPOSITION D.P.S. Property

LORRAINE HEATH, #6353
Criminalist
Central Regional Crime Laboratory
(602) 223-2857

Accredited by the ASCLD Laboratory Accreditation Board

Any notes, photographs, charts, or graphs generated during the examination are retained in the laboratory.