

DAD YKJ



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

Page 7 of 16

Male human DNA was isolated from Items #4.01A, #4.02A, #1D, #2D, #3D, #4D, #5D, #1E, #1.04A, #1.08A and #1.08A1. 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.

The male DNA profile obtained from Items #1.04A (right breast), #1.08A (external labia) and #1.08A1 (external labia) 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.

The male DNA profiles obtained from Items #1D.1 (inside shirt) and #1D.2 (outside shirt) are mixtures of at least three individuals. Item #1 (Mark Goudeau) cannot be excluded as a contributor to these mixtures.

Inconclusive or no results were obtained from Items #4.01A (portions of shirt cutting), #4.02A (portion of shirt cutting), #4D (large shirt cutting) and #5D (small shirt cutting).

Portions of Items #4.01A, #4.02A, #1D, #4D, #5D, #1.04A, #1.08A and #1.08A1 have been retained in laboratory frozen storage.

PHOENIX PD DR#200551799055

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.