

COLORADO BUREAU OF INVESTIGATION
LABORATORY REPORT

LAB CASE NUMBER: D96-4153 SECTION: SEROLOGY

OCA: P9621871

AGENCY NAME: CO0070100 - PD BOULDER

OFFENSE: 0902 - HOMICIDE - WILLFUL KILL-FAMILY

INVESTIGATED BY: DET. THOMAS TRUJILLO

SUBMISSION DATE: 123096

* SUSPECT(S):
RAMSEY, PATSY
RAMSEY, JOHN

AKA:

R/S D.O.B:
W/F
W/M

* VICTIM(S):
RAMSEY, JONBENET

W/F

EXAMINED BY/ *Joe R. Clayton Jr 14 Jan 97* JOE R. CLAYTON, JR., LABORATORY AGENT/CRIMINALIST *JCW*

DATE COMPLETED/ JANUARY 9, 1997

| EXHIBIT | DESCRIPTION |
|---------|---|
| ===== | ===== |
| #5 | SHIRT. |
| #6 | LONG UNDERWEAR BOTTOMS. |
| #7 | UNDERWEAR. |
| #14 | COLORADO SEXUAL ASSAULT EVIDENCE COLLECTION KIT FROM JONBENET RAMSEY CONTAINING THE FOLLOWING: <ul style="list-style-type: none">. A, B) BLOOD SAMPLES.. C) ORAL SWABS.. D) ORAL SLIDE.. E) VAGINAL SWABS.. F) VAGINAL SLIDE.. G) RECTAL SWABS.. H) RECTAL SLIDE.. I, J, K) FOREIGN STAIN SWABS.. L) FINGERNAIL CLIPPINGS, RIGHT HAND.. M) FINGERNAIL CLIPPINGS, LEFT HAND.N) EYELASH CONTROL.O) EYEBROW CONTROL.P) HEAD HAIR CONTROLS. |
| #15 | PIECE OF TAPE. |

#16 WHITE BLANKET.
#17 NIGHT GOWN.
#18 COMFORTER.
#19 SHEET.
#20 SHEET.
#22 BLACK COMFORTER.
#23 SHEET (BLACK VELVET BLANKET).
#26 GOLF CLUB.
#29 SHEET.
#30 SHEET.
#32A,B-1,B-2 HAIR AND BLOOD STANDARDS FROM JOHN ANDREW RAMSEY.
#33A,B-1,B-2 HAIR AND BLOOD STANDARDS FROM MELINDA RAMSEY.
#34A,B-1,B-2 HAIR AND BLOOD STANDARDS FROM JOHN B. RAMSEY.
#35A,B-1,B-2 HAIR AND BLOOD STANDARDS FROM PATRICIA RAMSEY.
#36A,B-1,B-2 HAIR AND BLOOD STANDARDS FROM BURKE RAMSEY.
#42A,B-1,B-2 HAIR AND BLOOD STANDARDS FROM JOHN FERNIE.
#43A,B-1,B-2 HAIR AND BLOOD STANDARDS FROM PRISCILLA WHITE.
#44A,B-1,B-2 HAIR AND BLOOD STANDARDS FROM JEFF RAMSEY.
#47A,B,C BLOOD STANDARDS FROM MERVIN PUGH.
#48A,B,C BLOOD STANDARDS FROM LINDA HOFFMANN-PUGH.

RESULTS:

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SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM JONBENET RAMSEY, EXHIBITS #14A AND #14B DISCLOSED THE PRESENCE OF BLOOD GROUP A, SECRETOR STATUS INCONCLUSIVE.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM JOHN ANDREW RAMSEY, EXHIBITS #32B-1 AND #32B-2 DISCLOSED THE PRESENCE OF BLOOD GROUP A, SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM MELINDA RAMSEY, EXHIBITS #33B-1 AND #33B-2, DISCLOSED THE PRESENCE OF BLOOD GROUP A, SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM JOHN B. RAMSEY, EXHIBITS #34B-1 AND #34B-2, DISCLOSED THE PRESENCE OF BLOOD GROUP O, SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM PATRICIA RAMSEY, EXHIBITS #35B-1 AND #35B-2, DISCLOSED THE PRESENCE OF BLOOD GROUP A, SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM BURKE RAMSEY, EXHIBITS #36B-1 AND #36B-2, DISCLOSED THE PRESENCE OF BLOOD GROUP A, SECRETOR STATUS INCONCLUSIVE.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM JOHN FERNIE, EXHIBITS #42B-1 AND #42B-2, DISCLOSED THE PRESENCE OF BLOOD GROUP A, SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM PRISCILLA WHITE, EXHIBITS #43B-1 AND #43B-2, DISCLOSED THE PRESENCE OF BLOOD GROUP A, SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM JEFF RAMSEY, EXHIBITS #44B-1 AND #44B-2 DISCLOSED THE PRESENCE OF BLOOD GROUP O, SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON BLOOD SAMPLES FROM MERVIN PUGH, EXHIBITS #47A AND #47B, DISCLOSED THE PRESENCE OF BLOOD GROUP A, SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON THE BLOOD SAMPLE FROM LINDA HOFFMANN-PUGH, EXHIBIT #48A, DISCLOSED THE PRESENCE OF BLOOD GROUP A, NON-SECRETOR.

SEROLOGICAL EXAMINATIONS CONDUCTED ON EXHIBIT #23 (BLACK VELVET BLANKET) INDICATED THE PRESENCE OF SEMEN.

SEROLOGICAL EXAMINATIONS CONDUCTED ON EXHIBIT #14(I) INDICATED THE PRESENCE OF AMYLASE, AN ENZYME FOUND IN HIGH CONCENTRATION IN SALIVA.

EXAMINATIONS CONDUCTED ON THE FOLLOWING EXHIBITS DID NOT INDICATE THE PRESENCE OF SEMEN: #5, 6, 7, 14C-K, 16, 17, 18, 19, 20, 22, 29, 30.

BLOOD WAS INDICATED ON THE FOLLOWING EXHIBITS: #5(A,B), 7, 15(A,B), 16(A), 17(A,B,C,D,E).

NO BLOOD WAS INDICATED ON #26.

STAINS PREPARED FROM THE LIQUID BLOOD STANDARDS AND SAMPLES ANALYZED WILL BE RETAINED FROZEN FOR TWO YEARS FROM THE INITIAL SUBMITTAL DATE.

PORTIONS OF THE FOLLOWING EXHIBITS HAVE BEEN FORWARDED TO THE DNA SECTION FOR FURTHER ANALYSES. RESULTS WILL BE SENT UNDER SEPARATE COVER: #5 (STAINS A,B), 7, 14(B,I,L,M), 15(A,B), 16(A), 17(A,C), 23(A,B), 32B-2, 33B-2, 34B-2, 35B-2, 36B-2, 42B-2, 43B-2, 44B-2, 47B, 48B.

TRACE EVIDENCE WAS COLLECTED FROM THE FOLLOWING EXHIBITS: #5, 6, 15, 16, 17, 18, 19, 20, 22, 23, 26, AND 29.

ALSO SUBMITTED: #14(N,O,P), 32A, 33A, 34A, 35A, 36A, 42A, 43A, 44A, 47C, AND 48C.

JRC:KW 011097