COLORADO BUREAU OF INVESTIGATION
LABORATORY REPORT

LAB CASE NUMBER: D96-4153 SECTION: SEROLOGY
AGENCY NAME: CO0070100 - PD BOULDER
OFFENSE: 0902 - HOMICIDE - WILLFUL KILL-FAMILY
INVESTIGATED BY: DET. THOMAS TRUJILLO
SUBMISSION DATE: 010898

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

EXAMINED BY: JOE R. CLAYTON, JR., LABORATORY AGENT/CRIMINALIST
DATE COMPLETED: APRIL 1, 1998

EXHIBIT DESCRIPTION
#5 SHIRT.
#6 PANTS.
#16 BLANKET.
#17 NIGHT GOWN.
#18 COMFORTER.
#19 SHEET.
#20 SHEET.
#57 TOWEL.
#58 VEST.
#172 SWEATSHIRT.
#173 BLANKET.
#257 TOILET TISSUE.
#309 TOILET TISSUE.
#312 PANTS.
#378A (1, 2) BLOOD SAMPLES, COLLIN CROWELL,
#379 (A) BLOOD SAMPLES, KEVIN RABURN.
#390A (1, 2) BLOOD SAMPLES, LUCAS BUDMAN.
#404 BARBIE DOLL.
#405 BARBIE DOLL.
#406 LETTER.
#407 LETTER.
#446 DEBRIS, INCLUDES NINETEEN (19) CIGARETTE BUTTS (A-S).

RESULTS:
SEROLOGICAL EXAMINATIONS CONDUCTED ON THE BLOOD SAMPLES FROM C. CROWELL,
EXHIBITS #378A (1 AND 2), REVEALED THE PRESENCE OF ABO TYPE A.

SEROLOGICAL EXAMINATIONS CONDUCTED ON THE BLOOD SAMPLES FROM K. RABURN,
EXHIBITS #379 (A), REVEALED THE PRESENCE OF ABO TYPE A. ABO TESTING
YIELDED INCONCLUSIVE RESULTS ON EXHIBIT #379 (B).

SEROLOGICAL EXAMINATIONS CONDUCTED ON THE BLOOD SAMPLES FROM L. BUDMAN,
EXHIBITS #390A (1 AND 2) REVEALED THE PRESENCE OF ABO TYPE O.

PRESUMPTIVE SEROLOGICAL ANALYSES INDICATED THE PRESENCE OF CREATININE,
A SUBSTANCE FOUND IN URINE, IN THE FOLLOWING EXHIBITS #5(C), 6(A,B), 16(A,C,E,H,I,J,K,L,O,R), 17(I,J,M), 18(D,R,T), 19(A,B,D,E,F), 20(B,C,D,F), 173(C), 257(B).

PRESUMPTIVE SEROLOGICAL ANALYSES INDICATED THE PRESENCE OF AMYLASE, AN ENZYME FOUND IN HIGH CONCENTRATIONS IN SALIVA, IN THE FOLLOWING EXHIBITS: #17(B,C,D,K), 18(C,E,F,G,H,I,J,L,M,N), 20(D,E), 173(D), 446(C).

PRESUMPTIVE SEROLOGICAL ANALYSES INDICATED THE PRESENCE OF UROBILINOGEN, A SUBSTANCE FOUND IN FECAL MATERIAL, IN THE FOLLOWING EXHIBIT: #18(U).

TRACE EVIDENCE WAS COLLECTED FROM EXHIBITS #172, 404 AND 405 AND HAS BEEN FORWARD TO THE HAIR AND FIBER SECTION.


DNA EXAMINATIONS WILL BE CONDUCTED AND RESULTS WILL BE FORWARD UNDER SEPARATE COVER.

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