

LITERATURE CITED

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PCR AMPLIFIED DNA AND O PROBE TYPING: 92-434

TABLE 1

PCR SAMPLE NO.	ITEM NO.	SAMPLE TYPE	DESCRIPTION	EST. DNA CONC. (ug/ml)	VOL. AMPLIFIED (ul)	NO. OF CYCLES	PCR RESULT	DOA Type
19	1-1	BLOOD STAIN	ROPE, AREA A	0.5[D]	2	35	NAI	NO TEST
20	1-1	BLOOD STAIN	ROPE, AREA A	0.5[D]	10	35	NAI	NO TEST
21	1-1	BLOOD STAIN	ROPE, AREA B	0.5[D]	2	35	NAI	NO TEST
22	1-1	BLOOD STAIN	ROPE, AREA B	0.5[D]	10	35	NAI	NO TEST
23	1-1	BLOOD STAIN	ROPE, AREA C	0.5[D]	2	35	NA	NA
24	1-1	BLOOD STAIN	ROPE, AREA C	0.5[D]	10	35	NAI	NO TEST
25	1-1	BLOOD STAIN	ROPE, AREA D	0.5[D]	2	35	NA	NA
26	1-1	BLOOD STAIN	ROPE, AREA D	0.5[D]	10	35	NA	NA
27		BLOOD STAIN	EXTRACTION BLANK	0	10	35	NA	NA

NA: No Activity
 NAI: No Activity Due to Inhibition
 D: Degraded

H: High
 M: Medium
 L: Low

23
 23
 23

PCR AMPLIFIED DNA ANALYSIS PROBE TYPING: 92-434

TABLE 1

PCR SAMPLE NO.	ITEM NO.	SAMPLE TYPE	DESCRIPTION	EST. DNA CONC. (ng/ml)	VOL. AMPLIFIED (ul)	NO. OF CYCLES	PCR RESULT	DOA Type
28	1-2	BLOOD STAIN	STRAW, AREA A	<0.5	2	35	VL?	TOO WEAK [Trace 1,1,4]
29	1-2	BLOOD STAIN	STRAW, AREA A	<0.5	10	35	VL	1,1,4 [Weak]
30	1-2	BLOOD STAIN	STRAW, AREA B	<0.5	2	35	NA	NA
31	1-2	BLOOD STAIN	STRAW, AREA B	<0.5	10	35	NAI	NO TEST
32		CONTROL	EXTRACTION BLANK	0	10	35	NA	NA
1	1-1	BLOOD STAIN	ROPE, AREA E	0.5[D]	5	35	NAI	NO TEST
2	1-1	BLOOD STAIN	ROPE, AREA E	0.5[D]	1	35	NAI	NO TEST
3		CONTROL	EXTRACTION BLANK	0	5	35	NA	NO TEST
4	1-1F	BLOOD STAIN	ROPE, AREA F, CHELEX EXTRACTION		20	35	NA	NO TEST

NA: No Activity
 NAI: No Activity Due to Inhibition
 D: Degraded

H: High
 M: Medium
 L: Low

PCR AMPLIFIED DNA ANALYSIS TO PROBE TYPING: 92-434

TABLE 1

PCR SAMPLE ITEM NO.	PCR SAMPLE NO.	SAMPLE TYPE	DESCRIPTION	EST. DNA CONC. (ng/ul)	VOL. AMPLIFIED (ul)	NO. OF CYCLES	PCR RESULT	DQ α Type
5	1-1F	BLOOD STAIN	ROPE, AREA F, CHELEX EXTRACTION		10	35	N/A	NO TEST
6	1-1F	BLOOD STAIN	ROPE, AREA F, CHELEX EXTRACTION		5	35	N/A	NO TEST
7	1-1F	BLOOD STAIN	ROPE, AREA F, CHELEX EXTRACTION		1	35	N/A	NO TEST
8		CONTROL	EXTRACTION BLANK, CHELEX	0	10	35	N/A	NO TEST
9		CONTROL	EXTRACTION BLANK, CHELEX	0	1	35	N/A	NO TEST

22
00
22

NA: No Activity
 NAI: No Activity Due to Inhibition
 D: Degraded

H: High
 M: Medium
 L: Low

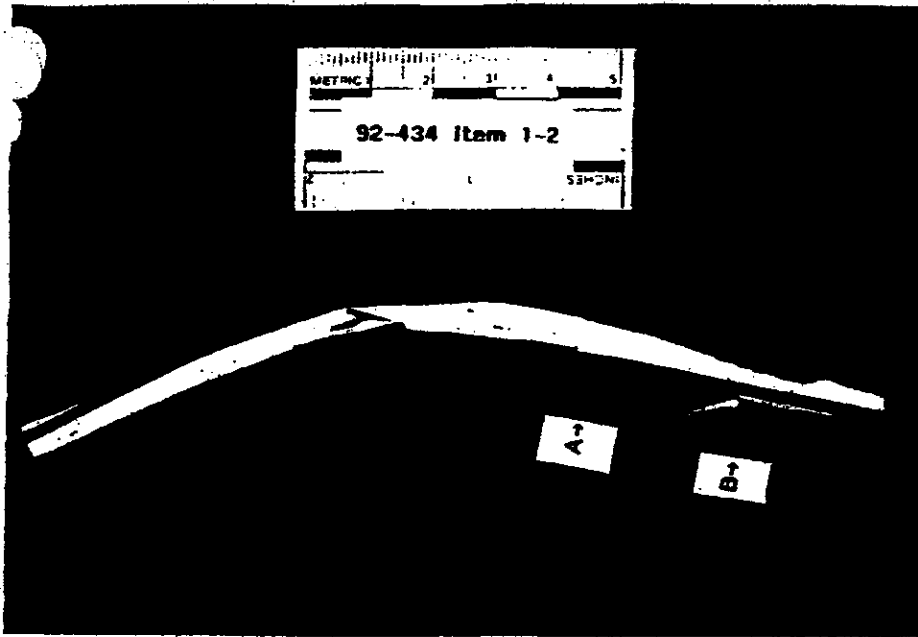


FIGURE 2A
ITEM 1-2
STRAW OVERVIEW

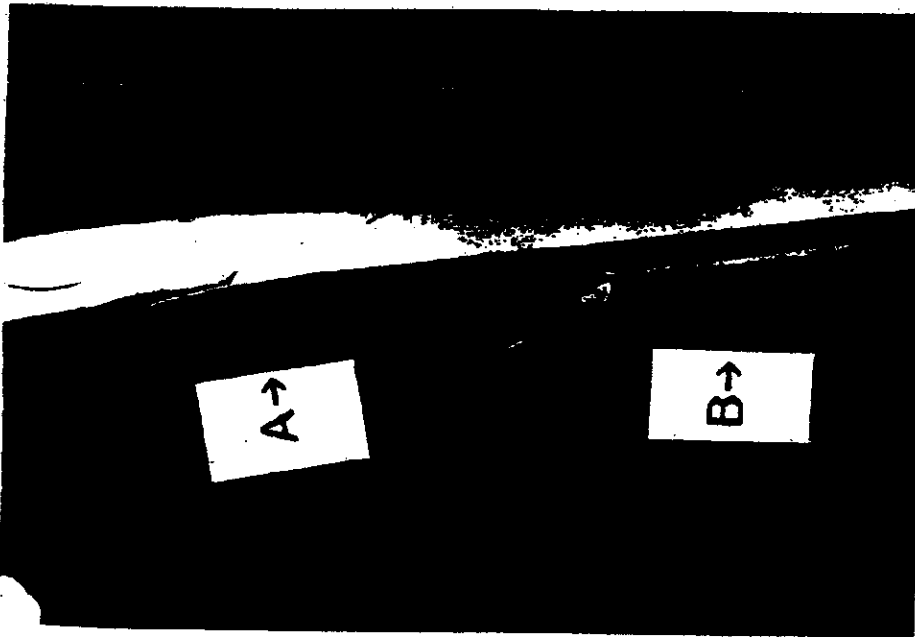


FIGURE 2B
ITEM 1-2
STRAW INDICATING
AREAS A & B

FIGURE 1A
ITEM 1-1
ROPE OVERVIEW

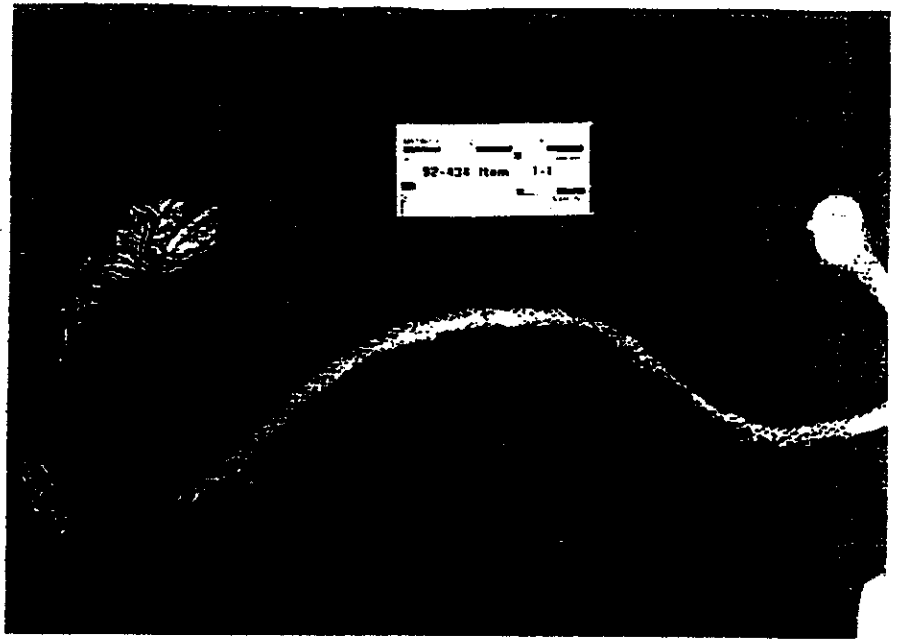


FIGURE 1B
ITEM 1-1
ROPE INDICATING
AREAS A & B

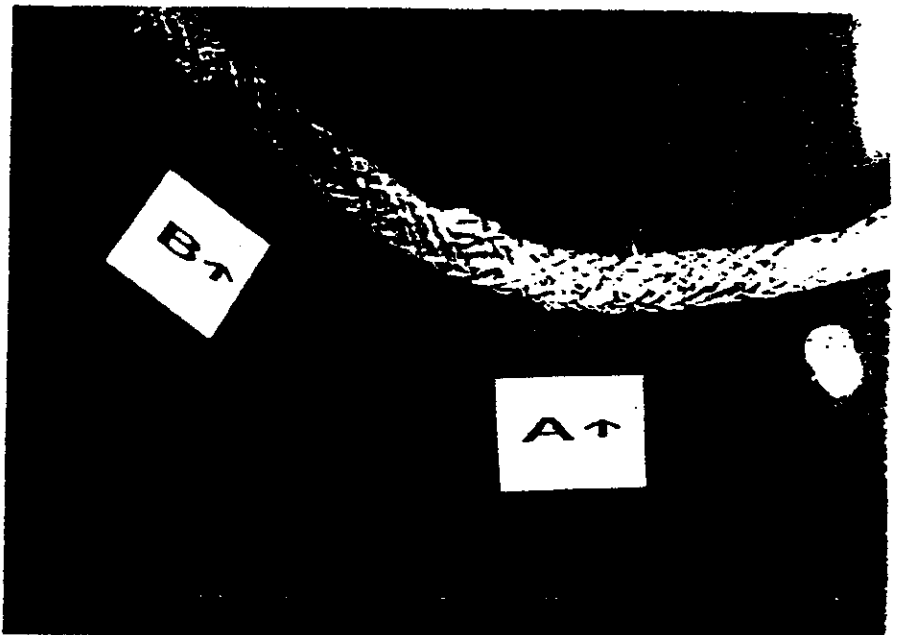
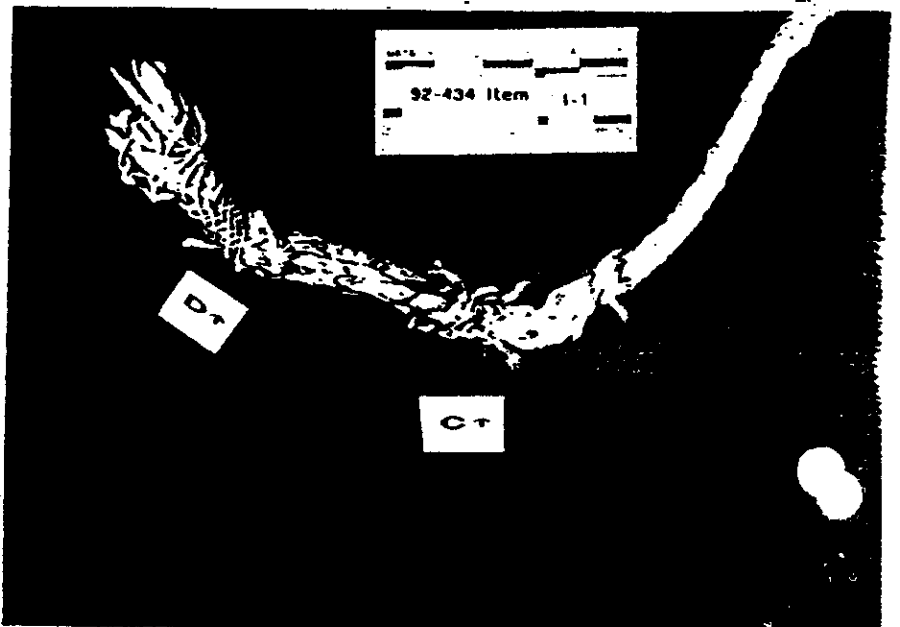


FIGURE 1C
ITEM 1-1
ROPE INDICATING
AREAS C & D



IMMOBILIZED ASO PROBE DQα TYPING

Amplified Using
12.5 U Taq/PCR Cocktail

All Control

12 13 14
15 16 17
18 19 20
21 22 23

Well	Sample	DQα Type	Sample
1-4	(1-1) Rope, Area C	NA	(1-1) Rope, Area C
5-8	(1-1) Rope, Area D	NA	(1-1) Rope, Area D
9-12	(1-1) Rope, Area D	NA	(1-1) Rope, Area D
13-16	Extraction Blank	NA	Extraction Blank
17-20	1,3,4 DNA STD	1,3,4	1,3,4 DNA STD
21-24	2,3 DNA STD	2,3	2,3 DNA STD
25-28	Blank	NA	Blank
29-32	Blank	NA	Blank

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