

# 377 STR GEL WORKSHEET - BLOODSTAINS QUAD (10/11/00) Gel (Project) Name Q01-02091

Run folder date and time 6/12/01 3:49

TBE 2047862 Urea 77

Long Ranger 4D2279

APS 18 TEMED 005902

Blue Formamide 17

GS 500 Marker 36095702097

102

#	case number - sample description	IA	#	case number - sample description	IA
1	positive control (PE3)	-	14	F001-0016 Shorts S. 7A	(7A) SH
2	extraction negative 5/21/01 10:00 (E3)	-	15	↓ 7B	(7B)
3	amplification negative (A3)	-	16	Jacket St. 15-A	(15A)
4	Est. Neg. Enriched 5/2/01 9:30 (EE2)	RDC	17	15-B	(15B)
5	F001-1904 Fingerprint R1 (A1)	SME	18	15-C	(15C)
6	↓ L1	↓	19	↓ 15-D	(15D) ↓
7	↓ L2	↓	20	F001-0216 VSSR	(VSSR) MAUL
8	↓ L3	↓	21	F001-0609 VSSF	(VSSF) SH
9	F001-0016 Shirt St. 6A (6A)	SH	22	F001-0491 Under St. #2 SF 6	(HE) KAL
10	↓ 6B	↓	23	F001-0752 Sheet 1E	(SIE) JCK
11	↓ 6C	↓			
12	↓ 6D	↓			

amplified samples of date: 6/12/01 time: 2:40

scan range analyzed: 1600-3050

aliquot set-up checked by ETB

gel prep: CEC/SLH

gel load set-up checked by ETB

comments:  Re-run from Q01-MCC109 (Normal)

Run from Q01-MCC109 (Hand of Kodolubian)

Run from Q01-MCC109 (Fwd)

Run from Q01-MCC109 (Hand of Kodolubian)

Date 12 June 01

Performed by DCA

original in QUAD - gel sheets binder (G:\users\FBIOLOGY\DNA\CASEWORK\PCRGELBLQUA.vp0)

ETB

Tube	case number - sample description	target date	IA	DNA conc (ng/ 20 µL)	µL Extract	µL TE <sup>-</sup>	Well #
PE 3	positive control	-	-	n/a	27	0	E1
E 3	extraction negative 5/21/01 10:00	-	-	-	20	7	2
A 3	amplification negative	-	-	n/a	0	27	3
R1	FB99-1904 FINGERMAN R1	-	SME	0.62	27	0	4
L1	↓ ↓ ↓ L1	↓	↓	0.62	27	0	5
L2	↓ ↓ ↓ L2	↓	↓	0.15	27	0	6
L3	↓ ↓ ↓ L3	↓	↓	0.31	27	0	7
6A	FB01-0016 SHIRT STAIN 6A	4/4/01	SME	5	4	23	8
6B	↓ ↓ ↓ 6B	↓	↓	5	4	23	9
6C	↓ ↓ ↓ 6C	↓	↓	1.25	16	11	10
6D	↓ ↓ ↓ 6D	↓	↓	12.5	1.6	23.4 <sup>5</sup> µL	11
7A	SHORTS STAIN 7A	↓	↓	6.2	3.3	23.7	12
7B	↓ ↓ ↓ 7B	↓	↓	12.5	1.6	23.4 <sup>5</sup> µL	F1
11A	JACKET STAIN 11-A	↓	↓	2.5	8	19	2
11B	↓ ↓ ↓ 11-B	↓	↓	1.25	16	11	3
11C	↓ ↓ ↓ 11-C	↓	↓	0.62	27	0	4
11D	↓ ↓ ↓ 11-D	↓	↓	12.5	1.6	23.4 <sup>5</sup> µL	5
VSSZ	FB01-0216 VSSR	5/1/01	MWL	1.25	16	11	6

original in STR QUAD amplification - bloodstain binder

Chelex extracts of date: 5/21/01 time: 10 AM

amplification set-up checked by ELS

Comments: \*E. Neg previously run

DNA Conc (ng/20µL)	Target µl Extract	TE <sup>-</sup> Target	Range Extract
≥25	Dilute 1:10 and use the dilution		
12.5	1.6 µL	25.4 µL	0.3 - 8*
6.2	3.3 µL	23.7 µL	0.5 - 16*
5	4.0 µL	23.0 µL	0.6 - 20*
2.5	8.0 µL	19.0 µL	1.2 - 27
1.25	16.0 µL	11.0 µL	2.4 - 27
0.62	27.0 µL	0 µL	4.8 - 27
0.31	27.0 µL	0 µL	9.6 - 27
0.15	27.0 µL	0 µL	19.2 - 27
<0.15	Do not amplify		

\*Add TE<sup>-</sup> to a final volume of 27.0 µL.

Performed by SMAK Time 2:40 Date 6/12/01 TC# 10

C:\USERS\FBI\BIOLOGY\FORMS\DNA\CASEWORK\PCR\AMP\B\QUA

101

SME

**CHELEX EXTRACTION WORKSHEET - bloodstains (F101B-3/27/97)**

Chelex, 5% 34.70

Sterile Water 113

tube label	case number - sample description	target date	IA
neg	extraction negative	-	-
0016 SH. ST. 6A	FB01-0016 SHIRT STAIN 6A	4/4/01	SMT
↓ 6B	↓ 6B	↓	↓
↓ 6C	↓ 6C	↓	↓
↓ 6D	↓ 6D	↓	↓
0016 ST. 7A	FB01-0016 SHORTS STAIN 7A	↓	↓
0016 S. ST. 7B	FB01-0016 SHORTS STAIN 7B	↓	↓
1904 R1	FB99-1904 fingernail R1	12/22/00	SME
1904 R2	↓ R2	↓	↓
1904 <sup>L</sup> <del>R2</del>	↓ L	↓	↓
1904 L2	↓ L2	↓	↓
1904 L3	↓ L3	↓	↓
0016 JKT 1J-A	<sup>SMT 5/17/01</sup> FB01-0016 JACKET STAIN 1J-A	4/4/01	SMT
↓ 1J-B	↓ 1J-B	↓	↓
↓ 1J-C	↓ 1J-C	↓	↓
↓ 1J-D	↓ 1J-D	↓	↓

Performed by T. Kasony

Time 10:00

Date 5/21/01

tube set-up witness BRH

original in Chelex extraction - bloodstains binder

samples in cryobox 0117

E:\users\biology\forms\dna\casework\pc\chet-bio

100

SME

FB99-1904

ME # BX99-02058 (v) Johanna Vega

Item PM3B - fingernail scrapings

SME 05/18/01

~~3m PM3B fingernail scrapings~~ Inside the envelope labeled "Step 6 Fingernail Scrapings" are two white bindles, one marked "R" and <sup>one marked</sup> "L" in <sup>sub 5/18/01</sup> blacked sharpie ink.

<sup>light</sup> → In the bindle designated "R", is a wooden stick, debris, and 7 fragments of fingernails. The debris consists of blackish and pinkish (rose-colored) specks. The rose-colored specks appear to be flecks of nail polish. Under the magnifying light scope, 5 of the 7 nail cuttings do not appear to have a bloody-like crust or stain. One of the cuttings has a reddish blood-like stain on the cut edge. Presumptive testing was attempted but the cutting and stain are too small and the stain on the nail may be consumed. Both nail cuttings are ~ 1/4 in in length. One has remnants of the pink nail polish on it. Both cuttings will be submitted for extraction. The rest of the cuttings and the debris will be retained in the original bindle and returned to the envelope.

"R1" - fingernail cutting with blood like stain on cut edge

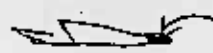
"R2" - fingernail cutting with nail polish and blood like

stain stains on lateral edge.



This portion on cut edge submitted.

"R2"



This portion cut and submitted.

FBI-1904

ME# BX 99-02858 (w) Johanna Vega

HemB PM3B fingernail scrapings

SME 01/07/02

page 2 of 2 of notes

em PM3B fingernail scrapings continued: In the bundle designated "L", the 3 cuttings with reddish-brownish stains were located. These cuttings will be designated "L1" - "L3" and submitted for extraction. Per the letter dated 11/07/01 from ADA David Birnbaum these cuttings will also be consumed.

The rest of the cuttings, the debris, and the wooden stick will be retained in the laboratory.

FB99-1904

WE # BX 99 02858 (w) Johanna Vega

Hemus PM3B - fingernail scrapings

SME 01/07/02

in PM 3B fingernail scrapings: Fingernail cuttings and scrapings from the (w) Johanna Vega are being re-extracted.

The nail cuttings previously described in the file notes dated 05/18/01 were referenced.

In the bundle designated "R", the fingernail cuttings described as "R1" and "R2" in the file notes from 5/18/01 were located. These fingernail cuttings are "R1" and "R2" because they are the only nails in the bundle with nail polish-like and blood-like staining. These nails were not previously designated as "R1" and "R2" but will be designated when submitted for extraction. As per the letter dated 11/07/01 from ADA David Brubaker, I have permission to consume these fingernails. (See left hand portion of file for letter). These two fingernails will be submitted for extraction and the wooden stick, debris, and the rest of the fingernail cuttings will be retained in the laboratory.

FB99-1904

ME # BX 99-02858 (v) Johanna Vega

Item FM 3B - fingernail scrapings

SME 05/10/01

Item FM 3B fingernail scrapings:

Left → in the bundle designated "L", is a wooden stick, pink nail polish fragments, nail cuttings, and dark reddish-brownish specks which appear to be blood-like in color. One speck was tested with KM.

KM lot 35

pos. cont.	+
neg. cont.	(-)
brownish-reddish speck	fairly +

There are approximately 12 cuttings -  $\frac{1}{4}$  in. length or less. <sup>3 SME 05/10/01</sup> 3 of the 12 cuttings have reddish brownish stains on the cut edge. The stains are too small to test. Portions of each nail will be submitted to Chelex. A few of the ~~too few specks to be submitted~~ <sup>SME 05/10/01</sup> blood like specks will be submitted ~~or well~~ <sup>SME 05/10/01</sup> A swab was used to collect specks.

The rest of the cuttings, the non-biological debris (nail polish fragments), the wooden stick will be retained in the original bundle and returned to the envelope.

Nothing resembling skin scrapings was found on the right or left fingernail scrapings even when examined under the magnifying glass w/ light. Fingernail scrapings will be returned to FM 4