

① April 5<sup>th</sup> 1974 (2 tanks at once)  
11:45 AM 100V 54 mA  
12:10 PM 100V 46 mA Gel Plate off  
12:30 PM 100V 25 mA Samples on  
40

- 2-1<sup>ad</sup> ① 75-15244 ⑦ 8Ls blood  
② 75-15820 Q-4 S's jacket  
③ " " Q-1 spike  
2-2<sup>10</sup> ④ 75-18748 ① V's whole bl.  
② Pillowcase  
2-2 ⑤ " " ③ V's robe  
2-2 ⑥ " " ③ V's robe  
2-2 ⑦ 75-19284 Victim

new buffer

② April 4, 1976  
9 AM gel with sample holder (bubbles removed with syringe)  
100V 35 mA cooling bath started  
9:45 105V 20 mA "1/2°C"  
Samples applied through buffer  
10 AM 100V 19 mA  
9:05 AM (4-5-76) 100V 8 mA Samples off

- ① 75-19169 ① cloth  
2-2 ② 75-19084 Victim cloth  
③ ④ ert  
2-2 ④ ② ert  
⑤ 75-19119 tissues ert weak  
⑥ ↓ ↓ ert  
⑦ 75-18905 (decomposed) ert

① April 5<sup>th</sup> 1976 (2 tanks at one)  
11:45 AM 100V 54 mA  
12:10 PM 100V 46 mA (el plate off)  
12:30 PM 100V 25 mA samples on  
40

- 2-1<sup>cont</sup> ① 75-15244 ⑦ 8's blood  
② 75-15820 Q-4 S's jacket  
③ " Q-1 spike  
2-2<sup>10</sup> ④ 75-18748 ① V's whole bl.  
2-2 ⑤ | ② pillowcase  
2-2 ⑥ ③ V's robe  
2-2 ⑦ 75-19284 Victim

new buffer

② April 4, 1976  
9 AM gel with sample holder (bubbles removed with syringe)  
100V 35 mA cooling bath started  
9:45 105V 20 mA 1/2°C "  
Samples applied through buffer  
10 AM 100V 19 mA  
9:05 AM (4-5-76) 100V 8 mA Samples off

- ① 75-19169 ① cloth  
2-2 ② 75-19084 Victim cloth  
③ ④ ert  
2-2 ④ ② ert  
⑤ 75-19119 tissues ert weak  
⑥ ↓ ↓ ert  
⑦ 75-18905 (decomposed)  
ert

April 5<sup>th</sup> 2 Tanks at one  
 11:45 100V 54 mA Am  
 12:10 pm 100V 46 mA del plate off  
 12:30 pm 100V 35 mA samples on  
 4-6 7:30 AM 100V 15 mA (2 tanks)

①	75-18445	①
②		②
③		③
④		④
⑤		⑤
⑥		⑥
⑦		⑦ victims

April 7, 1976  
 Mood 11 AM 100V 68 mA  
 samples on 12:30 pm 100V 15 mA  
 samples off 11:30 am 100V 17 mA

①	75-19284	① A cotton swab
2-2 ②		① B
③		crusts
2-2 ④		Victim
⑤	75-18401	Egeman
2-2 ⑥		Patten
2-2 ⑦		Harney



April 6, 1975

5:20pm Samples on 100V 35mA

- ① 75-18445 Pinn
- ② 75-17606 (Serum) 3-9-76
- ③ 75-18904 Ext ⑭
- ④ 75-18445 slacks
- ⑤ 75-18445 Bedspread
- ⑥ 75-12882 Windsor
- ⑦ 75-19304 Eyerman

April 7, 1975  
Bad Del Plate on 3:40 pm 100V  
Del Plate off 4:25 pm 100V 32mA  
Samples on 4:30 pm 100V 32mA

- Run ① 75-16916 Mills (V)
- 2-2 ② ↓ Hubert (S)
- 2-2 ③ 75-11849 Hart (S) <sup>Not much Hemoglobin</sup>
- ④ 75-3036 Blood from soil (extract powder)
- 2-1<sup>M</sup> ⑤ Dr. Fiero 1-25-74 very good
- 1-1<sup>M</sup> ⑥ Loretta Jenkins 7-31
- 2-1M ⑦ Not Hubert's very dry from 2-1

No extract was added - cloths were wet with 1/2 drop solution.

Good Run



New Buffer

#1 April 12, 1976

9:30 AM Gel plates on  
10:30 AM Samples on

100V 45 mA  
100V 36 mA

4-12-76

100V 11 mA

2-1M	①	75-16916	Victim
1-1	②	75-18904	⑭
blue	③		⑬ denim
2-1	④		⑨ pocket
2-1	⑤		⑨ sign
blue	⑥		⑥ apt
—	⑦	Dr. Fierro	Art. Murder

#2 April 12, 1976

4/13/76

8:45 AM

100V 7 mA

2-1	①	75-18904	① #4 denim
↓	②		#3
↓	③		#2
↓	④		#1
1-1 <sup>2</sup>	⑤	75-18611	⑥
1-1	⑥	↓	an. Brown
2-1	⑦	Dr. Fierro	
① → ④		see also #1	④ ⑤

#1

April <sup>14</sup> 13, 1974

9:45 AM Gel platinon 100V 68 mA  
 10:25 AM Samples Gel of 100V 68 mA  
 11:05 AM Samples on 100V 54 mA

4-15 / 8:15 100V 9 mA #2  
 100V 20 mA

2-1 M (1) 75-19310 Victim  
 - (2) ↓ (18 lb) cotton swab  
 2-2 (3) 75-19285 (2) crest - aborn  
 2-2 (4) ↓ (1A) cotton swab  
~~1-1~~ (5) 75-19169 Victim  
 2-1 (6) 75-18401 Eyerman  
 2-1 (7) Dip Fries

#2

April <sup>14</sup> 13, 1976

=====

2-1 M (1) 75-16916 ✓  
 2-1 M (2) 75-19353 (1B)  
 2-1 M (3) (1D)  
 2-1 M (4) (2D)  
 2-1 M (5) (3) cotton swab  
 2-2 (6) 75-19860 (4)  
 2-1 (7) ~~DA Fries~~ ↓ (5) (5-14) ~~Defries~~

#1

April 15, 1976

9:30 Gel plates on 100V 64 mA  
 10:45 Gel plates on 100V 43 mA  
 11:15 Samples on 100V 47 mA

1-1 (1) 75-19119 (11) tissues  
 ↓  
 1-1 (2) ↓ more sample  
 1-1 (3) Ext 75-18611 (1)  
 ↓  
 1-1 (4) Ext (2)  
 ↓  
 1-1 (5) (7)  
 2-2 \* (6) 75-19284 (1A)  
 (7) Dr. Fion

\* Ran over into empty Comp before.

#2

April 15, 1976

1-1 (1) Ext 75-19169 (2)  
 2-2 (2) Ext 75-18904 (17)  
 1-1 (3) Ext | (3)  
 1-1 (4) (6)  
 2-2 (5) (10) #1  
 1-1 (6) (12)  
 (7) Dr. F



#1

April 15, 1976

9:30 Gel plates on 100V 64 mA  
 10:45 Gel plates on 100V 43 mA  
 11:15 Samples on 100V 47 mA

1-1 (1) 75-19119 (11) tissues  
 ↓  
 1-1 (2) ↓ more sample  
 1-1 (3) ext 75-18611 (1)  
 ↓  
 1-1 (4) ext (2)  
 ↓  
 1-1 (5) (7)  
 2-2 \*(6) 75-19284 (1A)  
 (7) Dr. Fion

\* Ran over into empty comp bottle.

#2

April 15, 1976

1-1 (1) ext 75-19169 (2)  
 2-2 (2) ext 75-18904 (17)  
 1-1 (3) ext | (3)  
 1-1 (4) (6)  
 2-2 (5) (10) #1  
 1-1 (6) (12)  
 (7) DM F

New Buffer

#1 April ~~18~~<sup>19</sup>, 1976

9:45 AM	Hel plate on	100V	30 mA
10:45 AM	Hel plates off	100V	18.5 mA
4:25 PM	Samples on	100V	19 mA
9:50 AM	<sup>#2016</sup> Samples off	100V	10 mA

#2

April ~~18~~<sup>19</sup> 1976

100V	31 mA
100V	13.5 mA
100V	19 mA
100V	10 mA

① 75-19860 ②

2-1 ② ↓ ⑤

2-1 ③ ↓ Victim

1-1 ④ 75-20118 cotton swab

2-1 ⑤ 75-19276 ③

2-1 ⑥ ↓ ④

⑦ Dr. Fierro

① 75-18401 ② #5

② ↓ ② #6

③ ↓ ① #3

~~④~~ ↓ ~~④~~

2-1 ④ 75-18904 W. Banks

⑤ ↓ ④ 75-20399 pants

⑥ 75-20306 est

⑦ Dr. Fierro

#1

April 20, 1976

11:30 am Gel plates on  
 12:35 pm Gel plates off  
 12:45 pm Samples out  
 9:45 <sup>4/21/76</sup> pm Samples off

100 V 6 mA  
 100 V 5 mA  
 100 V 31 mA  
 100 V 20 mA

2-1 ① V's blood CME 170-76 } 75-20125  
 2-1 ② S's raincoat }  
 1-1 ③ K-1 S's whole blood }  
 2-1 ④ K-2 V's whole blood } 75-19472  
 2-1 ⑤ Q-2 K's trousers }  
 1-1 ⑥ Q-2 V's shirt }  
 2-1 ⑦ MFF 2-1 }

#2

1-1 ① Q-3 S's shirt back } 75-19472  
 1-1 ② Q-3 S's trousers front }  
 2-1 ③ ④ V's whole blood }  
 2-1 ④ ① V's sweatshirt } 75-20298  
 1-1 ⑤ ② S's shirt }  
 2-1 ⑥ 75-14502 ②  
 2-1 ⑦ MFF 2-1



#1

April 21, 1976

11:30	Del plates on	100V	56mA
1:00	Del plates off	100V	20mA
1:15	Samples on	100V	22mA
① 12:00	4/22/76 Samples off	100V	18mA

- 2-1 ① 75-18478 ② Sheet ✓
- 2-1 ② 75-20298 ② SS shirt collar ✓
- 2-1 ③ Q-1 Knife } 75-19472
- 2-1 ④ Q-3 3 1/2 shirt - W. sleeve } 75-19472
- 2-1 ⑤ Q-3 5 1/2 trousers back waist ✓
- 2-1 ⑥ 75-20125 ① Handkerch ✓
- 2-1 ⑦ mg

#2

- ① John Knell
- ② Bryan Wells
- ③ John Tyler
- 2-2 ④ Margaret Washington
- ⑤ David Martin
- 2-2 ⑥ Ronald Taylor 75-20590
- 2-1 ⑦ Gina

#2 April 25, 1976

4:30 PM 100 V 82 mA 14°C  
Samples 5:30 100 V 40 mA 1°C  
11:25 am <sup>4/24/76</sup> Samples 100 V 25 mA 0°C  
~~9 AM 120 V 20 mA~~

① 75-20399 ①

② ↓ ④ ext

③ 75-20306 ext

1-1 ④ 75-20588 ⑧

2-2 ⑤ ⑨

1-1 ⑥ ③ D

⑦ ⑧ mg

#2 April 25, 1976

1-1 ① 75-20588 ③ E.

1-1 ② ↓ ③ F

1-1 ③ ↓ ③ G

1-1 ④ ↓ ④ ext

1-1 ⑤ ↓ ⑤ ext

2-1 ⑥ 75-21036 ⑧

⑦ Dr. Fierro

#1 April 26, 1976  
~~Sub~~ Del plate on 11:30am 100V 25mA  
 Del plate off 12:30pm 100V 27mA  
 On 12:50 120V 37mA  
 4-27-76 9 AM 120V 20mA

①	75-20900	①
②	↓	②
③		③
④		④
⑤		⑤
⑥		⑥
⑦		Omj

\* Samples not running - covered w/ Buffer  
 3:45

#2

1-1	①	75-19274	③
1-1	②	↓	④
2-2	③	75-20588	⑨
1-1	④	↓	⑧
1-1	⑤		④
1-1	⑥		⑤
1-1	⑦	<del>De Jure</del> 1-1 Betty Clifton	



#1 April 27, 1976

Del Plate

Samples on 11:30 AM

100 V 34 mA

Samples off 12:30 PM

100 V 34 mA

Samples on 12:45 PM

100 V 36 mA

Samples off 9:25 AM 11/29/76 110 V 19 mA

1-1 ① 75-20900 ①

②

②

③

③

④

④

⑤

⑤

2-1 M ⑥

⑥

⑦

mg

#2

April 27, 1976

1-1 ① 75-21036 ① #1

②

②

③

③ #2

④

④ #4

⑤

④

2-1 ⑥

⑧

⑦

mg

#1

May 3, 1976

10:30 AM Gel Plates on 100V 58 mA  
 11:15 AM Gel Plate on 100V 59 mA  
 11:25 AM Samples on 100V 36 mA  
 10:40 AM 5/4/76 Samples on 100V 18 mA

? (1) (17) S's Slacks 75-20125  
 2-1 (2) (7) V's whole blood 75-21073  
 2-2 (3) V's blood CME } 75-20590  
 ? (4) (3) Swab - scene  
 2-1 (5) 75-14502 (3) victim  
 - (6) 75-21036 (4) #2  
 (7) am J

#2

(1) 2-1 (1) 75-21036 (4) #3  
 2-1 (2) (2)  
 2-1 (3) (3) #1  
 2-1 (4) (3) #3  
 2-1 (5) (1) #1  
 - (6) (3) #4  
 (7)

#1

May 4, 1976

11:10 am Del plate on 100V 63mA  
 12:05 pm Del plate off 100V 42mA  
 1:00 PM 100V 43 mA Samples on  
 8:35 am 5/18/76 100V 30 mA Samples off

- 2-1 ① 75-21036 ② ext  
 2-1 ② ① #1  
 2-1 ③ ① #2  
 2-1 ④ ① #3  
 2-1 ⑤ ②  
 2-1 ⑥ ③ #2  
 2-1 ⑦ 75-20900 ⑥  
 #2 2-1 ① 75-21036 ③ #3  
 2-1 ② ③ #4  
 1-1 ③ 75-20900 ①  
 1-1 ④ ②  
 1-1 ⑤ ③  
 1-1 ⑥ ④  
 1-1 ⑦ ⑤

May 17, 1976

9:40 am Del Plates on 100V 59mA  
 10:25 am Del Plates off 100V 44mA  
 10:50 am Samples on 100V 46mA  
 5/18/76 #19:55 Samples off 100V 24 mA

2-1 ① 75-22047 ⑤ (put all samples on)  
 1 ② 75-21690 do ext  
 2-2 ③ 75-21687 ④ victim (do ext)  
 2-1 ④ 75-21036 ⑨ suspect do "  
 1 ⑤ 75-22047 ⑥ victim do "  
 2-1 ⑥ 75-22179 ① handle (do ext)  
 2-1 ⑦ drug Sample - 2X

- #2 ① 75-21687 ① ext - do ext  
 2 ② ④ victim " "  
 2-1 ③ 75-22179 ② " "  
 2-1 ④ ③ pants " "  
 ⑤ 75-21952 ② " "  
 ⑥ 75-22399 ⑦ " "  
 2-1 ⑦ drug " "

\* upon 1<sup>st</sup> band \* extra long lower 1 band



May 18, 1976

10:30 Plates on 100V 59 mA  
 11:00 Plates off 100V 50 mA  
 11:25 Samples on 100V 48 mA  
 9:00 am <sup>5/19/76</sup> Samples off 100V 25 mA

#1  
 1 (1) 75-22399 (50) do sept  
 1 (2) (63) clot "  
 (3) (63) cloth "  
 1 (4) (67) "  
 1 (5) (68) "  
 1 (6) (77) "  
 2-1 (7) *dm j*  
 Ran all the way across -

#2  
 2-1 (1) V's blood > 75-20590  
 2-1 (2) (3) Swab  
 (3) (65) auto > 75-21073  
 1 (4) V's R Hand  
 1 (5) Kendrick  
 1 (6) Floyd  
 1 (7) mg

9:20 am 75 Plates on 100V 58 mA  
 10:20 am Gel Plate off 100V 47 mA  
 10:40 am Samples on 100V 49 mA  
 8:55 am <sup>5/20/76</sup> Samples off 100V 25 mA

#1  
 2-1 (1) 75-22659 do sept  
 2-1 (2) 75-22047 (5) do sept  
 2-2 (3) 75-22179 (1) blade "  
 2-1 (4) (1) handle "  
 2-1 (5) (2) "  
 2-1 (6) (3) shoe off "  
 2-1 (7) D. Simpson

#2  
 2-1 (1) 75-20590 V's R Hand  
 2-1 (2) D. Locker  
 2-1 (3) W. Lassell  
 2-1 (4) R. Eubanks  
 1-1 (5) D. Fairweather  
 2-1 (6) L. Lyon  
 2-1 (7) N. Tiller

May 20, 1976  
11:30 Gel Plates on 100V 40mA  
12:55 Samples on 100V 18mA

- 5/21 8:15 105V 17 1/2 mA
- ① 75-18445 S' Blood
  - ② mg
  - ③ Ligon
  - ④ Kendrick
  - ⑤ Joan
  - ⑥ Jaiwatha
  - ⑦ Phil

May 25, 1976

8:30 Gel Plate on 100V 45mA  
9:05 Gel plate off 100V 30mA  
9:15 Samples on 100V 30mA  
8:45 Samples off 100V 15mA

- ① 75-21035 Neville (ext)
- ② 75-23278 towel (ext) <sup>very</sup> weak
- 2-1A ③ 75-22659 Vis Blood (ext)
- 1-1 ④ 75-23280 S's Blood (ext)  
↓  
⑤ sheet (ext)
- ⑥ ~~mg~~ 75-23279 yellow (ext)  
cloth
- 2-1A ⑦ mg

A Strong lower 2 band

May 26, 1976

9:00 am Gel Plate on 100V 35mA  
10:20 am Gel Plate off 100V 18mA  
11:00 am Samples on 100V 18mA  
8:35 am <sup>5/27/76</sup> Samples off 100V 18mA

1-1 (1) 75-23280 - sheet (2)  
↓  
1-1 (2) knife cut (1)  
↓  
1-1 (3) swab  
↓  
1-1 (4) ~~gel cloth~~ (5) <sup>Legon</sup>  
1-1\* (5) 75-23279 (B) gel cloth  
1-1\* (6) (A) white cloth  
2-1 (7) Legon

\* Lower 1 band only

May 27, 1976

9:00 Gel Plate on 100V 30mA  
10:00 Gel Plate off 100V 18mA  
10:10 Samples on 100V 18mA  
8:30 <sup>5/28/76</sup> Samples off 100V 12mA

(1) 75-23278 <sup>low of</sup> extract  
1-1 (2) 75-23278 <sup>low of</sup> extract  
1-1 (3) <sup>approx 1/2</sup> extract  
1-1 (4) <sup>2x</sup> extract  
1-1 (5) <sup>smaller than normal</sup> extract  
1-1 (6) <sup>2x</sup> extract  
2-1 (7) Legon

Repeat with 2-1 known

June 22, 1976

9:47 Gel plate on 100V 28mA  
10:17 Gel plate off 100V 22mA  
10:45 AM Samples on 100V 20mA  
12:00 Samples off 100V 12mA

① 75-22179 ④  
2-1 ② ↓ ⑤  
③ 75-24718  
2-1 ④ 75-21036 (Paints) ⑩  
⑤ 75-25054 towel  
2-1 ⑥ Keum In Chung Oriental  
⑦ MW

June 23, 1976

12:15 pm Gel plate on 100V 28mA  
12:45 pm Gel plate off 100V 22mA  
12:55 pm Samples on 100V 22mA  
9:20 am 6/23/76 Samples off 110V 11mA

① 75-25055 ①  
② ↓ ③ #1 weak  
③ ↓ ④ #2 very weak  
④ 75-21073 ⑤ \* weak  
⑤ 75-21073 ⑦  
2-1 ⑥ 75-22179 ④  
⑦ mg



June 24, 1976

9:35 am Gel Plate on 100V 28mA  
10:15 am Gel Plate off 100V 22mA  
10:35 am Samples on 100V 22mA  
8:30 am <sup>6/25/76</sup> Samples off 100V 12mA

2-1\* ① 75-24718 BP

— ② 75-23600 ⑨ B-

<sup>w/2</sup>  
<sup>lower</sup> 2-1 ③ 75-23600 ⑩ Vis Blood  
band

? 1 ④ 75-24183 (Elmer)

2-1? ⑤ 75-24184 (Jeffery)

1 ⑥ 75-24185 (Jinia)

— ⑦ mg

\* no bottom 1 band

June 25, 1976

8:40 am Gel plate on 100V 31mA  
9:35 am Gel plate off 100V 22mA  
9:45 am Samples on 100V 24mA  
8:25 AM Samples off 108V 14mA

2-1\*\* ① 75-25055 ① BP

— ② ↓ ③ #1 BP

2-1A ③ 75-24718 BP

1-1 ④ 75-23280 ④ BP

1-1\* ⑤ ↓ ⑤ BP

1-1\* ⑥ ↓ ⑥ BP

2-1 ⑦ mg

\* also upper band 1/2 cm from top  
\*\* no middle 1 band 2-1 (like string 2-1A)

June 28, 1976

9:25 am Gel plate on 100V 46 mA  
10:00 Gel plate off 100V 28 mA  
10:10 am Samples on 100V 29 mA  
9:30 am <sup>6/29/76</sup> Samples off 100V 18 mA

— ① 75-25491 BP

— ② 75-25369 <sup>①</sup>awal BP

— ③ ↓ ④ out of <sup>BP</sup> spread

— ④ ↓ ⑤ BP

2-2 ⑤ 75-24978 Vis Blood

2-1 BA: ⑥ Shirley

2-1 BA ⑦ Mj.

\* Buffer not cold

New Buffer

June 29, 1976

9:45 am Gel plate on 100V 39 mA  
10:40 am Gel plate off 100V 26 mA  
10:50 am Samples on 100V 30 mA  
10:30 am <sup>6/30/76</sup> Samples off 100V 20 mA

2-2 ① 75-25321 Vis Blood ①

— ② ↓ halter ③

2-1 ③ 75-25055 Victim

— ④ 75-24978 ④

2-1 ⑤ 75-25369 <sup>Grover</sup> Victim

2-1 ⑥ ↓ ⑧

2-1 ⑦ Gina

} these  
are  
the same

all 2-1's (except #7) lack  
lower "one" band.  
Bottom band of 2-1's lower  
than bottom band of 2-2.  
Very good plate.

June 30, 1976

10:40am Gel Plate on 100V 40mA  
11:10am Gel Plate off 100V 34mA  
11:30am Sample on 100V 36mA  
8:45am 7/1/76 Samples off 100V 24mA

① 75-25641 ③<sup>F</sup> BP  
↓ ④<sup>F</sup> BP  
1 ③ 75-25577 ⑫ BP  
1 ④ ~~⑫~~ ⑭ BP  
1 ⑤ ~~⑫~~ ⑮ BP  
⑥ ~~⑫~~ ⑬ BP  
⑦ Gina

July 1, 1976

8:55am Gel plate on 100V 42mA  
10:15am Gel plate off 100V 24mA  
10:35am Samples on 100V 31mA  
8:50am 7/2/76 Samples off 100V 22mA

2-2 ① 75-20207 ② T-shirt B  
- ② ↓ ③ vis shirt B  
2-1<sup>\*</sup> ③ 75-23600 ⑩ vis whole Blood B  
2-1<sup>\*</sup> ④ ② Bedspread B  
- ⑤ ⑧ vis PJ's-B  
2-1 ⑥ ⑧ vis robe B  
2-1 ⑦ Gina

75-20207 ① Left cuff B  
③ Slippers B

\* - Note appears doubled - was V transfused?



New Box Plates

July 13, 1976

8:50 AM Gel Plate on 100V 29 mA  
 9:35 AM Gel Plate off 100V 20 mA  
 9:45 AM Samples on 100V 18 mA  
 9:15 AM <sup>7/14/76</sup> Samples off 100V 8 mA

- ① 76-00131 ③ P
- ② ④ P
- 2-2' ③ ⑤ P
- 1 ④ 75-25641 ③ ✓
- 1 ⑤ ↓ ② put sample & left on
- ⑥ 75-25369 ⑤ ✓
- ⑦ mg

July 14, 1976

9:25 AM Gel plate on 100V 31 mA (#1 only)  
 9:55 AM Gel plate off 100V 22 mA  
 10:10 AM Samples on 100V 22 mA  
 9:00 AM <sup>7/15/76</sup> Samples off 100V 11 mA  
 #1

- ① 75-00254 ① BP
- ② ③ B P
- ③ ④ B P
- ④ ⑥ B P
- ⑤ Robert L Purvis
- ⑥

2-1 July ⑦ 15, 1976  
 9:05 AM Gel plate on 100V 27 mA 10:35 Gel plate off 100V 13 mA  
 # 2 100V 11 mA 9:10 AM 7/16/76

- 2 ① 75-20298 RL Purvis
- 2-2 ② 76-00253 ⑨
- 2-2 \* ③ 76-00259 ⑩
- 1? ④ 76-00255 ⑪
- 1 \* ⑤ 76-00305 ⑫
- 2-2 ⑥ Honey
- 2-1 \* ⑦ Sand

Good run

\* band right above Hg 1?  
 P band ...



July 20, 1976

10:00 Rel Plate on 100V 23 mA  
10:30 Rel Plate on 100V 21 mA  
10:45 Samples on 100V 22 mA 5:30 samples on 100V 11 mA  
A 1? ① 75-20207 ① Sweatshirt BP

2-1 ② 76-00190 ④ Cast BP

③ 76-00254 ① BP

④ } BP

1 band 1? ⑤ } BP

1 band 1 ⑥ } BP

2-1 ⑦ } cuts

Poor Run  
majority

7/21/76 Rel on 9:35 am 100V 22 mA  
Rel on 9:10 am 100V 22 mA

II 1? ① 75-00254 ⑤ 9:15 AM Samples on 100V 22 mA  
② ⑥ 9:05 AM Samples on 100V 11 mA

2-2 ③ ⑨ Lisa

2-2 \$ ④ ⑩ Patricia

1 ⑤ ⑪ Roland

1 ⑥ ⑫ Penny

2-1 ⑦ Gina

PI 8:10 AM

July 22, 1976

9:15 AM Hel Plate on 100V 34 mA  
9:55 AM Hel plate off 100V 26 mA  
10:10 AM Samples on 100V 27 mA  
8:45 AM Samples off 100V 12 mA

1-1 (1) 75-00321 (4) BP  
≠ (2) 75-25369 (1) <sup>weak BP</sup> <sub>put sample on</sub>  
≠ (3) 75-00131 (3) BP  
(4) ↓ (4) BP  
2-2 (5) ↓ (5) BP  
2-2 (6) 76-00729 pad BP  
1 (7)

July 23, 1976

9:07 AM Hel plate on 100V 32 mA  
9:37 AM Hel plate off 100V 24 mA  
9:50 AM Samples on 100V 22 mA

1-25.76  
9:30 AM off 100V 13 mA  
1-\*(1) 76-00586 (16)  
2-1 (2) ↓ (15) A  
2-1 (3) ↓ (15) B  
2-1M<sup>2</sup> 2-1\*(4) 76-00588 Wm Martin <sup>case</sup> <sub>male</sub>  
1-1\*(5) ↓ L. Jameson  
2-2 (6) 76-00729 (1) <sub>put sample on</sub>  
7) MG

\* Strong <sup>upper</sup> lower 1 band

\* ≠ upper 1 band

March 26, 1974

8:40 AM Gel plate on 100V 31mA  
9:30 AM Gel plate off 125V 22mA  
10:00 AM Samples on 100V 20mA  
9:35 AM (3-29-74) Samples off 100V 14mA

1-1<sup>?</sup> ① 75-18401 ② #5  
          ↓  
2-2 ②                   ① #3  
2-1<sup>✓</sup> ③ 75-18249 ③  
2-1 ④ 75-17615 ①  
          ↓  
2-1 ⑤                   ② cotton swab  
1-1<sup>?</sup> ⑥ 75-~~16877~~<sup>17396</sup> ② ②  
1-1<sup>?</sup> ⑦                   ④<sup>4</sup> ext

March 29, 1976

8:40 AM Gel plate on 100V 30mA  
9:15 AM Gel plate off 100V 22mA  
7:35 AM Gel plate Samples on 250V 60mA  
8:40 AM (3-30-76) Samples off 250V 40mA

1-1<sup>?</sup> ① 75-18401 ② #6  
          ↓  
2-2 ② 75-16871 ⑨ bag  
2-1 ③                   ⑨ ext  
2-1 ④                   ⑩ section  
2-1 ⑤                   ⑪ syn sheet  
1-1<sup>?</sup> ⑥ 75-18611 ⑧<sup>7</sup> bag  
1-1<sup>?</sup> ⑦                   ↓  
                          Pas. dov swab  
Bad Run



March 22 1976  
 8:20 AM Gel on 100V 20mA  
 9:20 AM Gel off 100V 18mA  
 9:30 AM Samples on 175V 26mA  
 7:10 AM 3-24-76 Samples off 180V 27mA

① 75-14659 ① s's jacket  
 chest area

Loop Area  
 back corner  
 between  
 rocks  
 like H-1

② ① <sup>mo</sup> 75-15260 blood  
 on gear  
 strong

④ 75-16125 ③

2-2 ⑤ Elmers ⑩

⑥ 75-17398 ②

? ⑦ ↓ ③

March 24, 1976  
 10:25 AM Gel plate on 100V 37mA  
 11:15 AM Gel plate off 110V 29mA  
 11:40 AM Samples on 175V 32mA  
 8:35 AM (3-26-76) Samples off 175V 22mA

2-1 ① 75-17605 ⑤ jacket

2-1 ② ↓ ⑤ pants

③ 75-17504 ① #2

④ 75-14093 B (2 1/2 mo old)

⑤ ↓ C

2-1 ⑥ 75-18251 ③ Victim

⑦ 75-18401 ② #6

Plate not very good

\* Samples looked beautiful when put on,  
 after about 4 hours - sample  
 holder seems to have moved up in  
 gel & #s 4-7 have run across,



March 17, 1976

9:10 AM	Del in Buffer	35V	10mA
9:45 AM		90V	20mA
10:15 AM		150V	30mA
10:45 AM		300V	35mA
11:15 AM	Del plate off	300V	25mA
11:30 AM	Samples on	175V	18mA
3:45 AM (3-19-76)	Samples off	180V	22mA

-	①	75-17617	coat
2-1	②	75-17605	②
2-1	③	↓	④ Victim
2-1	④	75-17389	2, 3+4
	⑤	↓	6+7
	⑥		⑨
	⑦	↓	⑩

March 19, 1976

8:45 AM	Del in Buffer	40V	10mA
9:12 AM		80V	20mA
9:45 AM		148V	30mA
10:15 AM		275V	35mA
10:45 AM	Del plate off	275V	24mA
10:55 AM	Samples on	175V	17mA

①	75- <del>176</del> 18871	⑨	gift			
②		⑩	victim			
③		⑪				
④		⑨	bag			
②	⑦	<del>75-176128</del>	③	75-176150	①	pants
④	⑥			②	cotton swabs	
⑤	⑤	E lenses	⑤	④	cotton swab-wick	

March 10, 1976

8:10 AM Kellin Buffer 40 V 10 mA  
8:45 AM 80 V 20 mA  
9:20 AM 140 V 30 mA  
9:50 AM 240 V 35 mA  
10:45 AM Del Plate off 260 V 30 mA  
11:10 AM Samples on 175 V 19 mA  
8:40 AM (3-12-76) Samples off 175 V 25 mA

①\* 75-17396 Victim's Blood

② 75-17396 ①

③ 75-17396 ②

④ 75-17396 ③

1-1 ⑤ Lee Otto Warren

3-1 ⑥ Michael Mann

3-1 ⑦ Jimmy M<sup>r</sup> Brown 75-12606③

March 15, 1976

8:35 AM Kellin Buffer 28 V 10 mA  
9:05 AM 85 V 20 mA  
9:35 AM 195 V 30 mA  
10:10 AM attempt to turn to 55 mA - Read 30 mA  
10:20 AM Del plate off ~~28~~ 350 V 38 mA  
11:00 AM Samples on 175 V 14 mA  
8:40 AM (3-17-76) Samples off 170 V 20 mA

① ① paper towel (heavy stain) } 75-15653

② ② bl. crust

1-1 ③ 75-16125 ④ <sup>v/v</sup> whole blood-handl.

2-2 ④ 75-17396 - Victim

2-2 ⑤ 75-16908-①

7-1? ⑥ 75-17606 ① ext

2-1 ⑦ 75-17606 ② ~~V. in sponge~~

\* ① Blood looks green when sugar sol added

March 5, 1976

8:45 AM	Gel in Buffer	
8:45 AM	40 V	10 mA
9:15 AM	85 V	20 mA
9:47 AM	150 V	30 mA
10:20 AM	270 V	35 mA
10:55 AM	270 V, 28 mA	
11:20 AM	100 V	9 mA
9:35 AM 3/4/76	Samples on	100 V 10 mA
skipped first computer	① 75-16916	① B
2-1	② 75-16916	② C
3-1	③ 75-16916	③ A
2-1	④ 75-16916	④ #1
2-1	⑤ 75-16916	⑤ #2
2-1	⑥ 75-16916	⑥ #3
2-1	⑦ 75-16916	⑦ C

Samples on easily, no visible running  
across Gel slightly low on sample #7  
No horrible mess ups!

March 8, 1976

8:45 AM	Gel in Buffer	40 V	10 mA
9:30 AM		90 V	20 mA
10:00 AM		150 V	30 mA
10:30 AM		245 V	35 mA
11:10	See off	310 V	32 mA
11:35 AM	Samples on	175 V	34 mA
8:05 AM (3-10-76)	Samples off	175 V	36 mA

①	75-16908	①
2-2	②	↓ Victim
③	75-14502	cotton Swabs
2-1	④ 75-16916	④
⑤	75-13544	
⑥	75-13577	Crust
⑦	75-13577	absorbed on cloth



March 3, 1976  
 10:35 AM Gel in Buffer 10 mA (30 min)  
 10:35 AM 35 V 20 mA (30 min)  
 11:05 AM 90 V 30 mA (30 min)  
 11:35 AM 150 V 35 mA (30 min)  
 2:10 PM (Add 100 V - 15 mA) 325 V 35 mA (30 min)

Go below to \*\*

zapped 2-1 at 5:00 PM  
 ① DV's whole blood }  
 2-1 ② ④ S's blouse } 75-15244

2-1 ③ ⑤ S's robe (lacy net)

2-2? ① N-3 Shoel S#1

? ⑤ N-5 Laps S#2

? ⑥ N-5. Admin trousers S#2

\* ? ⑦ 75-14659 ① den. jacket repeat

\* Voltage up very high at 12:10  
 (12:40 - off 320 V 30 mA)

# 12:40 Gel Plate off  
 1:30 Samples on 250 V 28 mA  
 10:45 AM (3-4-76) Samples off 250 V 30 mA

\* No liquid in last space. Gel was low on corner and liquid spread across liquid (as much as possible) and

3/4/76  
 11:00 Gel in buffer 10 mA  
 11:30 90 V 20 mA  
 12 noon 140 V 30 mA  
 12:30 250 35 mA  
 2:00 Samples off 350 V 33 mA

Gel plate off  
 1-1 ① ① V's blood emc. 23/76 } 1 bank

1-1 ② ⑧ Swab from S's bed } 75-13674

2-1 ③ ⑨ Swab from Hall

new 1 - bank  
 1-1 ④ ① Stains from scene on gauge - 75-15260

? ⑤ ② S's known blood on gauge

2-1? ⑥ 75-13577 blood in it

⑦ 75-14902 mg

2:35 samples on 275 V 29 mA

8:30 Samples off 250 V 38 mA

Rather weak run -



Aug 2, 1976

3:45 PM plates on #1 100V 29mA

#2 100V 23mA

4:25 PM (plate on) #1 100V 20mA

#2 100V 18mA

\* 4:40 PM Samples on 100V 38mA

#1 1-1 (1) 76-01254 (7) BP  
 (2) ↓  
 (3)  
 (4)  
 (5)  
 (6) ↓  
 2-1 (7) m j

(1) pants #1 BP  
 (1) " #2 BP  
 (1) shirt #1 BP  
 (1) " #2 BP  
 (2) pants #1 BP crust (take)

#2 (1) 76-01254 (2) pants #2 BP  
 2-1 (2) 76-1329 tissue BP  
 2-1 (3) ~~#1 pants BP~~  
 2-1 (4) #3 b crusts BP  
 2-1 (5) 30 b swab BP  
 1 (6) 76-01254 (7) BP  
 2-1 (7) m j

sucrose

Aug 3, 1976

\* 11 p.m. to run pump  
 10:25 AM 100V 22mA off  
 11:25 AM 100V 22mA on  
 12:10 PM 100V 22mA off  
 12:40 PM 100V 21mA on  
 4:15 AM 100V 29mA Samples

Aug 4, 1976

10:10 AM Gel Plates on 100V 46mA

11:15 AM Gel Plates on 100V 27mA

11:30 AM Samples on 100V 60mA

9:15 AM Samples on 100V 30mA  
8/6/76

#1 2-2 (1) 76-00635 (1) B  
 2-2 (2) ↓ (2) B cleaned up  
 2-1 (3) 76-00729 (1) B put sample on  
 2-1 (4) ↓ (2) B  
 (5) 76-00321 (2) B put sample on  
 2-2 (6) 76-00131 (3) B  
 (7) m j

#2 1-1 (1) 76-00928 Blift hand - swab  
 1-1 (2) ↓ B Victim  
 1-1 (3) 76-01254 (7) B  
 2-1 (4) 76-01329 (4) B #65  
 2-1 (5) 75-20298 (5) B  
 2-1 (6) 75-00559 B  
 (7) m j B

Aug 2, 1976

3:45 PM plates on #1 100V 29mA

#2 100V 23mA

4:25 PM plates on #1 100V 20mA

#2 100V 18mA

\* 4:40 PM Samples on 100V 38mA

#1 1-1 ① 76-01254

②

③

④

⑤

⑥

2-1 ⑦ m j

⑦ BP

① pants #1 BP

① " #2 BP

① shirt #1 BP

① " #2 BP

② pants #1 BP (crust)

#2 ① 76-01254

2-1 ② 76-1329

2-1 ③ ~~#1 pants BP~~

2-1 ④ #1 31 b crusts BP

2-1 ⑤ 30 b swab BP

1 ⑥ 76-01254

2-1 ⑦ m j BP

increase

② pants #2 BP

tissue BP

~~#1 pants BP~~

#1 31 b crusts BP

30 b swab BP

⑦ BP

Aug 4, 1976

10:10 AM Gel Plates on 100V 46mA

11:15 AM Gel Plates on 100V 27mA

11:30 AM Samples on 100V 60mA

9:15 AM Samples on 100V 30mA

8/6/76

#1 2-2 ① 76-00635 ① B

2-2 ② ↓ ② B (clean) put samples on

2-1 ③ 76-00729 ① B put samples on

2-1 ④ ↓ ② B

⑤ 76-00321 ② B put samples on

2-2 ⑥ 76-00131 ③ B

⑦ m j

#2 1-1 ① 76-00928 Blift hand - swab

1-1 ② ↓ B Victim

1-1 ③ 76-01254 ⑦ B

2-1 ④ 76-01329 ④ B #65

⑤ 75-20298 ⑤ B

2-1 ⑥ 75-00559 B

⑦ m j B

Aug 3, 1976

\* 11 p.m. to run prep

10:25 AM 100V 22mA off

11:25 AM 100V 22mA on

12:10 PM 100V 22mA off

12:40 PM 100V 21mA on



Aug 11<sup>th</sup> 1976

11:00 Gel plate on 100V 20mA  
12:00 ~~Gel plate on~~ 100V 2mA

(Pump stopped)

12:00 Gel plate on 100V 22mA

12:30 Gel plate off 100V 12mA

12:45 Samples on 100V 12mA

9:15 8/13/76 Samples off 100V 10mA

2-1 ① 76-01857 put one piece  
sample in (ext) B

1-1 ② 76-01254 put sample on B

1-1 ③ 75-20298 Purvis

2-1 ④ Don Armstrong distinct bands  
w/o blocking  
double lower bands

2-1 <sup>7 or 2-2</sup> ⑤ 2-2 Diane Price  
w/o upper 1

1-1 ⑥ 1-1 Ray Harris

2-1 ⑦ 2-1 mg

Aug 13, 1976

9:45 am Gel plate on 100V 26mA

10:45 am Gel plate off 100V 12mA

10:55 am Samples on 100V 7mA

9:45 AM 98V 9 1/2 mA  
Temp above room temp couple hours 8/13/76

2-1 ① 76-00533 ① #1 put sample on

1 ② ↓ ① #2 put sample on

1 \* ③ 76-02153 ② put sample on

1 ④ \* Purvis - also upper 1 band

1 ⑤ \* Harper

1 ⑥ 'Buddy' double lower bands like Don  
Armstrong

1 ⑦ \* mg

1 double lower band - lower than ⑥  
top ↑ same distance as bottom ↑

\* single by bottom 1 band same as bottom  
or top ① ② ③



Aug 23, 1976

9:50 Del plate on 100V 24mA  
 10:20 Del plate on 100V 26mA  
 10:15 Samples on 100V 26mA  
 9:30 Samples on 100V 15mA

1 (1) 76-02304 (1) BP 13 chambers  
 1 (2) (2) BP 2 chambers (1st 2 of 3)  
 1 (3) (3) BP " "  
 (4) 76-00532 (4) BP 1 lower end of  
 (5) 76-2153 BP 1 " "  
 (6) ~~76-1857~~ 76-00690 BP 5-2 <sup>1 lower end of</sup>  
 (7) = 76-1857 = (7)

Aug 25, 1976

9:40 Del plate on 100V 32mA  
 10:30 Del plate on 100V 24mA  
 10:40 Samples on 100V 24mA

8-2<sup>1</sup> 8:30 Sample off 100V 17mA

1-1 (1) 76-02304 (1) BP  
 2-1 (2) 76-02273 (2) BP  
 2-1 (3) ↓ (3) BP  
 2-1 (4) 76-02994 (4) BP Save  
 2-1 (5) ↓ (5) BP  
 1-1 (6) 76-02993 (6) BP Save Sample  
 (7) Hp 2-2 D1

Aug 23, 1976

9:30 Gel plate on 100V 24mA  
 10:00 Gel plate on 100V 26mA  
 10:15 Samples on 100V 26mA  
 9:30 Samples on 100V 15mA  
 1 (1) 76-02304 (1) BP 13 Coverbanks  
 1 (2) (2) BP 2 lanes (1st 20) ↑  
 1 (3) (3) BP " " ↑  
 (4) 76-00532 (4) BP 1 lane 3rd of ↑  
 (5) 76-2153 BP 1 " " ↑  
 (6) ~~76-1857~~ 76-00690 BP S-2 <sup>slower</sup> <sub>3rd of</sub> ↑  
 (7) -TRQ - (7)

Aug 25, 1976

9:40 Gel plate on 100V 32mA  
 10:30 Gel plate on 100V 24mA  
 10:40 Samples on 100V 24mA  
 8:27 8:30 Sample off 100V 17mA

1-1 (1) 76-02304 (1) BP  
 2-1 (2) 76-02273 (8) BP  
 2-1 (3) ↓ (12) BP  
 2-1 (4) 76-02994 (3) BP Save  
 2-1 (5) ↓ (1) BP  
 1-1 (6) 76-02993 BP Save Sample  
 (7) Hp2-2 D1

Aug 30, 1976

1:40 AM Gel plate on 100V 25mA  
2:10 AM Gel plate off 100V 26mA  
10:20 AM Samples on 100V 25mA  
8:45 100V 15mA

-1 ① 76-00190 ③ S's sheet put in sample  
-1 ② ↓ ④ V's cast (weak)  
-1 ③ 76-03149 ⑥  
-1 ④ ↓ ③ (weak) BP  
-1 ⑤ 76-02155 BP  
-2 ⑥ ~~76-02993~~ 76-03410 Vitium  
-1 ⑦ Runa 2-1

Sample holder looks like not  
in gel - #7 seems to have  
run across

Sept 1, 1973

9:00 AM 100V 43 mA gel plate  
9:30 100V 41 mA  
10 AM 100V 37 mA Sample on  
9-3-76 8:15 AM 100V 29.5 mA

2-1 ① 76-03523 ① BP  
2-2 ② 76-03410 ④ bucket BP  
1-1 ③ ⑤B glass BP  
1-1 ④ ⑦ very little BP  
2-2 ⑤ ⑨ plate BP  
2-2 ⑥ <sup>very little</sup> ②3E BP  
2-1 ⑦ mg BP



Sept 3, 1976

8:15 AM	100 V	31 mA	plate on
9:10 AM	100 V	27 mA	" off
9:15 AM	100 V	29 mA	sample on
9:30 AM	100 V	15.5 mA	

2-1 (1) 76-03862  
76W-0589 (10) BP

2-1 (2) ↓ (11) BP

blue (3) 76-03865  
75W3492 (1) BP

1-1 (4) 76-03864  
76W0595 (1) BP

1-1 (5) ↓ (3) BP

2-2 (6) 76-02318 (6) BP

2-1 (7) mg

Run 1

Sept 5

new Buffer

9:45 AM	100 V	29 mA	plate on
10:25 AM	100 V	25 mA	" off
10:40 AM	100 V	25 mA	sample on
8:30 AM	100 V	14 mA	" off

9-1 (1) 76-03865 (1)

(2) 76-02318 (5)

2-2 (3) 76-03897 (1) #1

2-2 (4) ↓ (1) #2

2-2 (5) ↓ (2)

1-1 (6) 76-03410 (27) Supp RTH1

(7) mg

## Run 2

Sept 7, 1976  
 9 AM 100V 40 mA plate on  
 10 AM 105V 30 mA " off  
 10:20 AM 250V 79 mA sample on  
 8:15 AM 250V 59 mA " off

2-2 ① 76-03897 ⑨ Victim  
 1-1 ② 76-03410 ②7 <sup>Scup</sup> <sub>Red bag</sub>  
 ③ towel ⑧  
 " " ③  
 ④ towel ③  
 2-2 ⑤ v's ②6  
 2-2 ⑥ v's skirt ②2  
 2-1 ⑦ dn g

## Run 3

Sept 8, 1976  
 8:30 AM 100V 44 mA  
 10:00 AM 100V  
 8:30 AM Samples off 250V MA off scale

2-2 ① 76-03410 ① Knife blade  
 2-2 ② - ↓ ① Knife handle  
 1? ③ 3A glass  
 1 ④ ⑦ Sew knife  
 2-2 ⑤ ⑧ V's shoes  
 1-1 ⑥ ⑥3A ⑧  
 2-1 ⑦ known

Run 7

Sept 9, 1976

Gel plate on 9:10 100V 39mA  
 off 11:15 100V 16mA  
 Samples on 11:25 250V 44mA  
 off 9:00 250V 46mA

① 76-03410  
 ② sis shirt  
 ③ 76-03412  
 ④  
 ⑤  
 ⑥  
 ⑦  
 ⑧  
 ⑨  
 ⑩  
 ⑪ Glasses  
 ⑫ 23E lg stain  
 ⑬ 60  
 ⑭ 59 towel  
 ⑮ 74A suit  
 ⑯ 93  
 ⑰ Cynthia Tar  
 ⑱ mg

Run not good - even  
 known did not show  
 up

Run I

Sept 13 1976

10:20 AM Gel plate on 100V 20mA  
 10:55 AM Gel plate off 100V 20mA  
 11:15 AM Samples on 250V 60mA  
 8:30 AM Samples off 250V 32mA

① 76-3410  
 ② towel  
 ③ towel  
 ④ 23E spots sis shirt  
 ⑤ 23E large stain sis shirt  
 ⑥ 23A sis jeans spots  
 ⑦ 50 car panel  
 ⑧  
 ⑨  
 ⑩  
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 ㊽  
 ㊾  
 ㊿

① 76-3410  
 ② towel  
 ③ 23E spots } sis shirt  
 ④ 23E lg stain }  
 ⑤ 23A jeans (sis)  
 ⑥ 50 car panel  
 ⑦ 76-3412  
 ⑧ 50 car panel  
 ⑨ 76-3410  
 ⑩ 3 towel  
 ⑪ mg



Run II

Sept 14, 1976

8:40 AM Gel plate on 100V 32mA  
 9:30 AM Gel plate off 100V 22mA  
 10:15 AM Samples on 250V 40mA  
 8:45 AM Samples off 250V 38mA

2-2 ① 76-03410 (23A)  
 streak ② ↓ (23A)  
 streak ③ 76-03411 ① 5's shirt B  
 ↓ ② floor. B  
 streak ④  
 2-1 ⑤ 76-03412 ① 22 V's blouse.  
 ⑥  
 2-1 ⑦ mg quilt ⑩

Run III

Sept 15, 1976

9:05 100V 53mA gels on  
 9:50 100V 42mA Gel plates off  
 10:00 Samples on 200V

new buffer  
# 1

① 76 W. O 78/ ④ 4<sup>th</sup> part sample  
 2-1 ② 76-04030 ② 24 ←  
 2-1 ③ ② 22  
 3-1 ④ ① 14  
 3-1 ⑤ ① 14  
 3-1 ⑥ ① 15  
 ⑦ mg

Run I

at 4<sup>th</sup> upper band is very strong - stronger than 3<sup>rd</sup>

Run III

# 2  
 2-1 ① 76-04030 ① 17  
 2-1 ② ① 20  
 2-1 ③ ① 21  
 2-1 ④ 76-04024 pool  
 2-1 ⑤ 76-02994 ④ ←  
 2-1 ⑥ 76-03523 victim ←  
 ⑦ mg

at same as 1<sup>st</sup> & lots upper strong

New Buffer

Sept 16, 1976

Run I

9:40 AM Gel plates on 100V 66mA  
10:25 AM Gel plates off 100V 46mA  
2:45 AM Samples on 200V  
8:25 AM Samples off 200V 52mA

Run II

# 12-1 (1) 76-04030 (1) B put samples  
2-1 (2) ↓ (2) B  
— (3) 76-03523 (4) B  
2-27 (4) ↓ Victim B  
2-1 (5) 76-01254 Suspect Side  
2-1 (6) 76-04030 (25) B  
(2) mg

Run I

# 2  
(1) 76-03948 (1) put samples  
(2) B  
(3) put samples  
2-1 (4) (4) B  
2-2 (5) 76-03897 (9) B  
1 (6) ~~76-03897~~ 76W 0843 (1) Swab  
(7) mg

Sept 17, 1976

8:30 AM Gel plates on 100V 63mA  
9:30 AM Gel plates off 100V 44mA  
9:50 AM Samples on 100V 40mA  
11:50 AM 200V 58mA  
11:30 200V 61mA

# 1 q. 18  
(1) 76-03897 (9) X  
2-1 (2) 76-3523 Victim X  
— (3) ↓ (4) X  
1-1 (4) 76-0352W 0843 (1) Swab  
1-1 (5) 76W 0875 Swab X  
2-1 (6) 76-3946 (15)  
2-1 (7) ↓ (10)

# 2

2-1 (1)  
2-1 (2) (9) put samples  
2-1 (3) 76-03945 (10)  
2-1 (4) (9)  
2-1 (5) (2)  
2-1 (6) (8)  
2-1 (7) 76-1254 Hp 2-1

# 2 had bubbles between gel & glass

Sept 18, 1976

11:30 AM 100V 27mA gel on

12:30 AM 100V 21mA Sample on

20 9:45 AM 100V 12mA " off

① 76-03948 ①

② ③

③ ②

④ 76-3897 ⑨ not victim

2-1 ⑤ 76-3523 Victim

2-2 ⑥ 76-3897 Victim

2-1 ⑦ 76-1254

① 76-03416 ① Shirt  
② Floor



Sept 20, 1976 Run I

Rion II

PM Samples on 250V  
Samples off ~~250~~ 175V 70 mA

- I
- 1 ① 76-03412 ⑨5 Slaght ✓
  - 1 ② ⑨3 C. Truck ✓
  - 1 ③ 2 mill Slaght ⑩6 ✓
  - 1 ④ V's bra ⑩28 ← BP
  - 1 ⑤ Mill C. Truck ⑩73 ← BP
  - 1 ⑥ " " gag ⑩24 ✓
  - 1 ⑦ Car panel ⑩50 ✓
- } pale appears  
defecting  
in mud  
region - clear  
space

- II
- ① Towel-car ⑩59 ✓
  - ② S-Julians shirt 74A stain #1 ✓
  - ③ " " 74A " " 2 ✓
  - ④ S's trousers 74A stain #1 ← BP
  - ⑤ 76-03410 ⑩85 S's watch ← BP
  - ⑥ " " ⑩85 S's ring ← BP
  - ⑦ ~~76-03410~~

Do not disconnect - run remaining on GAP

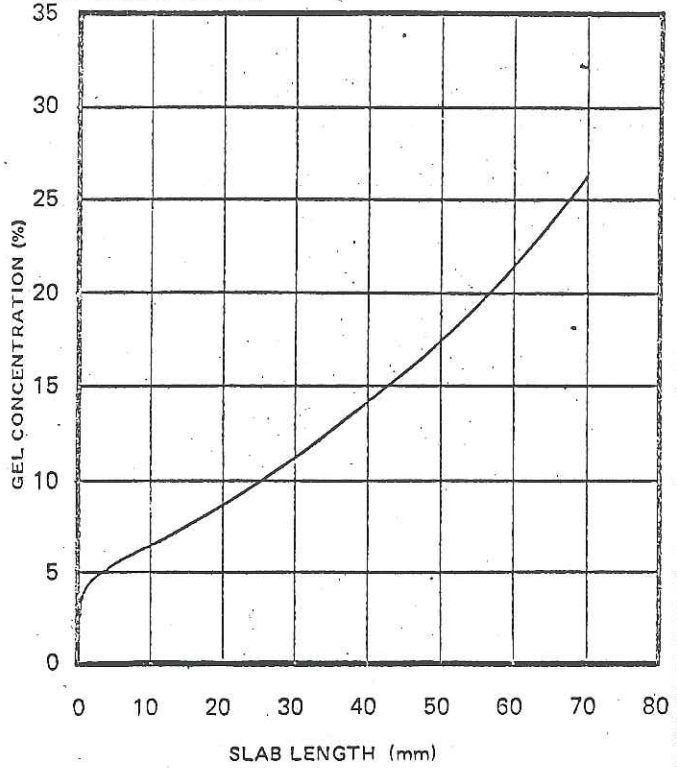
MA increased and had to turn down voltage. - One or both

GRADIPORE® GELS

259

Batch No. Sep 75

Date of manufacture:



Keep in refrigerator, do not freeze. Fluid phase: 1g Na<sub>2</sub>EDTA, 1g boric acid, 2.5g (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, water to 1 l. Contains 50 ppm sodium azide (NaN<sub>3</sub>).

batch 256

Sept 22, 1976

9:00 AM samples on 100V 30 mA 3m power pack  
9:45 AM samples off 100V 30 mA

- #1
- |   |          |           |
|---|----------|-----------|
| 1 | 76-3410  | (26)      |
| 2 | 76-04030 | (22)      |
| 3 |          | (24)      |
| 4 |          | (19)      |
| 5 |          | (14)      |
| 6 |          | (15)      |
| 7 | 76-01254 | Known 2-1 |
- ply bands weaker? clean should be? otherwise good print not as faint down?

9:10 AM samples on 200V 45 mA 3m power pack  
9:40 AM samples off 200V 68 mA

- #2
- |     |   |               |
|-----|---|---------------|
| 2-1 | 1 | Gina          |
| 2-1 | 2 | Don Armstrong |
| 2-1 | 3 | Phil D        |
|     | 4 | 76-2990       |
| 2-2 | 5 | 76-2825       |
| 2-2 | 6 | 76-01711      |
| 2-2 | 7 | 76-2991       |
- Most readable but poor result on Armstrong samples to weak

Plates pre-electrophoresed for 24 hours - overnight at 200V

New Buffer Run I

Sept 24, 1976

~ 10 to 10:30 100V off 11:30 AM 100V 24 mA  
#1 Batch # 261 Samples on 12 noon 100V 11 mA  
Samples off 9-26-76 @ 9:40 100V 39 mA

- 76-3412 (95)
- |     |   |                                   |
|-----|---|-----------------------------------|
| 1-1 | 1 | <del>76-3410</del> (26) Known 1-1 |
| 2-1 | 2 | 76-04030 (22)                     |
| 2-1 | 3 | (24) very good                    |
| 2-1 | 4 | (19)                              |
| 2-1 | 5 | (14)                              |
| 2-2 | 6 | Wally (5) fresh                   |
| 2-1 | 7 | 76-01254 Known 2-1                |

gel on 12 noon 100V 39 mA  
gel off 12:50 100V 23 mA  
#2 Batch # 260 1PM Samples on 100V 26 mA

- Sat. 9/25 buffer tube had come disconnected - buffer room reconnected
- |   |   |
|---|---|
| 1 | * |
| 2 |   |
| 3 |   |
| 4 |   |
| 5 |   |
| 6 |   |
| 7 |   |
- too much sample bands very broad all very readable

\* upper 1 band - not seen in set-up #1



Batch 256 Sept 26, 1976  
 gel off 11:10 AM 100V 35mA  
 gel on 11:30 100V 37mA  
 gel in 10 AM - same buffer as 9/24

#1  
 2-2 ① 76-5106 ① aft  
 ↓ ②  
 ③ 76W-0843  
 2-2 ④ 76-5382 ⑭  
 2-2 ⑤ ①  
 ⑥ ⑪  
 2-1 ⑦ Hyp 2-1 76-1254

12:20 AM 9/28/76 Samples off 100V 40mA

Batch 256  
 #2 gel on 10 AM - new buffer -  
 because of trouble

2-2 ① 76-5382 ⑮ swap  
 2-1 ② 76-4024 ⑧  
 2-1 ③ ↓ ⑤  
 ↓ ④  
 2-1 ④ 76-5396 Victim  
 ↓ ④  
 2-1 ⑤  
 2-1 ⑥  
 2-1 ⑦ Hyp 2-1 76-1254

Batch 256 Sept 28, 1976  
 batch 9 AM gel on 100V 78mA  
 9:45 AM gel on 100V 56mA  
 10:00 AM Samples on 100V 42mA  
 8:05 " off 100V 45mA

#1 new buffer  
 2-1 Mi. 76-05382 ⑬ suspect  
 ↓ ⑫

1 3. 76-4024 ⑩ B  
 ↓ ⑩  
 4. ↓ ④  
 1 ⑤ 76-2994 ⑤  
 ⑥ 76-1254 ⑦

#2 Same buffer as 9-28-76

① 76-4987 ③  
 ② ②  
 ③ ①  
 2-1 ④ ⑦  
 2-2 ⑤ 76-3412 ⑧ F  
 2-1 ⑥ ⑨ ⑨  
 ⑦





Sept 30 1976 (260)

1 Gel on 100V 72mA  
5 Gel on 100V 22mA  
40 Samples on 200V 48mA  
25 Samples on 200V 78mA

# ① 76-5106 Victim ②

② 76-04987 ③ apt

③ 76-05382 (18) 2-1M?

④ 76-03416 ① S's shirt

⑤ ② floor

2-1 ⑥ 76-03412 ⑤0 auto pencil

2-1 ⑦ S. Julian (99) 2-1

2-1 ① 76-03412 (74A) S's shirt stain #1

2-1 ② (74A) S's shirt stain #2

2-1 ③ (74A) S's blouse stain #1

2-2 ④ (74A) S's " " " 2

⑤ (67) Red polo shirt

⑥ (67) Navy sweater

2-2 ⑦ (98) St. Sigulf

BP

new buffer back tanks

Oct 2, 1976

10:30AM kids in - warm buffer

11:50AM Samples on

#1 (260) 100V 51mA 11:30 100V 15mA A-4  
Samples on 100V 14mA off 8AM 100V 21mA

2-1 ① 76-0589 76-04997 ④

2-1<sup>2</sup> ② 76-5382 (18) (2-1M?)

1-1 ③ 76-02304 ⑤

2-2 ④ 76-5106 ②

1<sup>2</sup> ⑤ 76-4024 (10A)

⑥ ↓ (10D)

⑦ ~~76-4254~~ 2-1 apt

#2 #259 (new boy) 11:40 100V 95mA off 8AM  
100V 38mA 100V 45mA  
Samples on 100V 42mA

① → ④ & ⑦ same as above

1-1 ⑤ ~~76-05382 (13) jeans~~

⑥ 76-05380 (11) t-shirt

② ——— ① 0' ———

—————  
—————  
—————

Batch 256  
AM Oct 5 1976  
2nd run  
buffer

Rel on 100V 77 mA

0:45 gel off 110V 50 mA

10 samples on 100V 46 mA

1 10-7 8:30 AM 100V 39 mA

3-1 ① 76-03912 Leaf ①

2-1 ② \* grass ②

2-1 ③ \* weeds ③

1-1 ④ 76-W 0843

2-2 ⑤ ~~76-4014~~ subject 76-06214 ①

1 ⑥ 76-4024 ⑩ B

2-1

2-1 ① \* 76-05409 ⑤

2-2 ② \* ↓ ⑥

③ \* 76-5382 ⑪ left

④ \* ↓ ⑬ "

2-1 ⑤ ~~76-4987~~ Andy

⑥ Jean

2-1

\* do BP & save samples

Oct 7, 1976  
3rd run  
buffer

8:35 AM gel on buffer

9:30 AM 100V 37 mA

10:15 off 100V 20 mA

10:30 samples on 100V 24 mA

10-9 8:30 AM 100V 19 mA

Batch 256

2-1 ① 76-04024 victim

— ② 76-06150 ~~victim~~ ①

2-1 ③ ↓ ④ Victim

2-1 ④ 76-06153 B/M CME447

↓ strongest

⑤ ↓ more dil

↓ sample ↓ strongest

⑥ ↓ best

⑦ 2-1

Oct 16, 1976

8:45 AM Mel batch 260 100V 41mA

warm buffer - new

9:30 AM Samples on 100V 19mA

8 AM " off 100V 15mA

2-1 (1) 76-6862 (1)

2-1 (2) (2)

2-1 (3) (3)

2-1 (4) (4)

2-1 (5) 76-6949 (1)

1-1 (6) 76-6863 (E-1)

(7) 76-4024 Victim

Oct 18, 1976

8 AM Mel batch 260 100V 31mA

9 AM Samples on 100V 24mA

10-20-76 8 AM Samples off 100V 15mA

2-2 (1) 76-6214 swab left

2-1 (2) 76-7192 - (2)

2-1 (3) (7)

2-1 (4) ↓ (18) left

2-2 (5) 76-6863 (D-1)

2-2 (6) ↓ (C-2)

(7) 76-4024 Victim



Oct 20, 1971 New buffer  
to Balch 260 gel on 8:15 AM 100V 31mA

0-22 8:30 AM 100V 10mA

2- ① 76-~~7192~~<sup>6862</sup> shirt  
3-1 ② ↓ suspect post transf  
~~4-~~ ③ 76-7292 paper label  
2-2 ④ 76-6863 (E-1)  
— ⑤ 76-6847 ①  
2-1 ⑥ ↓ ⑤  
2-1 ⑦ ~~1~~ ↓ ③

Oct 20 1976

9:15 AM Gel Plate on 100V 28 mA  
10:45 AM Gel Plate off 100V 12 mA  
10:50 AM Samples on 100V 12 mA  
10-28-76 100V 12 mA

1-1? ① B }  
1-1? ② AB } FRESH  
2-1 ③ O }  
1-1? ④ B }  
1-1? ⑤ AB } 1 Day  
2-1 ⑥ O }  
2-1 ⑦ A }

Oct 22, 1976  
 #2 batch <sup>260</sup> gel on 100V 30 mA } 8:50 AM  
 #1 " " 100V 28 mA }  
 #1 on 9:45 AM 100V 23 mA  
 #2 on 9:55 AM 100V 22 mA  
 #3 bath off 10 AM 100V 22 mA (combined)

#1  
 ① 76-~~7192~~ <sup>6862</sup> gloves  
 2-1 ② 1 bandage  
 2-1 ③ shirt  
 ④ 76-7292 paper towel  
 2-2 ⑤ 76-6863 E-1  
 2-1 ⑥ 76-7192 post transf - suspect  
 2-1 ⑦ 76-04024 victim - 2-1

~~1-1~~ ① 76-06624 ⑥  
 1-1 ② ⑤ pants  
 1-1 ③ ⑧ underbust  
 1-1 ④ ④  
 ⑤ 76-7292 paper towel  
 ⑥ 76-~~7192~~ gloves  
 3-1 ⑦ 2-1 6862

Oct 24, 1976 3rd run  
 #2 batch 260 gel on 100V 22 mA 10:20 AM  
 #1 " 259 (good) 100V 31 mA 10:40  
 off 11:50 AM 100V 31 mA both  
 on both 12:10 PM 200V 78 mA  
 10-25-76 12:30 PM 200V 60 mA

#1  
 ① 76-7192 ②  
 ② ↓ ③  
 ③ 76-04024 ④  
 ④ ↓ ⑤  
 ⑤ A (10-18-76) 4 days  
 ⑥ O. (10-18-76)  
 ⑦ 76-04024 Victim ⑩

#2  
 1-1? ⑦ 76-07776 ①  
 1-1? ② ② pants  
 1-1? ③ ② shirt  
 1-1 ④ B (10-18-76)  
 1-1 ⑤ APB " 4 days  
 2-1 ⑥ Diane Groch  
 2-1 ⑦ 76-04024 ⑩

Nov 1, 1970

1:30 PM Batch 259 warm buffer & cabling bath  
 2:30 gel off 100V 32mA  
 2:45 samples on 100V 11mA  
 1-3-76 9:30 " off 100V 12mA

Nov 3, 1970

10:30 AM gel on 100V 34mA  
 11:15 gel off 100V 22mA  
 11:45 AM samples on 100V 23mA  
 11-5 7:45 AM 100V 22mA

- #2
- 2-1 (1) 76-8167 (5) Victim
  - (2) 76-06863 (F-1)
  - 2-1 (3) 76-7280 Victim
  - 2-1 (4) 76-5475 (4) #1 & #3
  - 2-1 (5) 76-8169 Victim
  - (6) ↓ face, arms
  - (7) 2-1

- #2
- 2-1 (1) 76-8167 (10)
  - 2-1 (2) (4A)
  - 2-1 (3) (4B)
  - 2-1 (4) (4C)
  - 2-2 (5) (6B)
  - 2-1 (6) (6C)
  - (7) 2-1

#1 trial - new soldered wire

- 2-1 (1) 2-1
- 2-1 (2) 76-8167 (5)
- 2-1 (3) 76-7280 Victim
- 2-1 (4) 76-8169 "
- 2-1 (5) 76-7192 (23) streamer only
- 1-1 (6) 76-7864 Victim
- 2-1 (7) 76-7856 (20)



Nov 5, 1976

7:45 AM gel on 100V 54mA  
8:45 AM Samples on 100V 41mA  
9:30 off 100V 23mA

#1  
2-1 (1) 76-7856 (21)  
2-1 (2) (17)  
2-1 (3) (26)  
2-1 (4) 76-8169 free + arms  
2-1 (5) 76-8440 (1)  
2-1 (6) ↓ rock  
2-1 (7) 2-1

#2 8:40 AM 11/8/76 Samples off 3rd buffer 100V 13mA  
2-1 (1) A } weak  
1-1 (2) B } 7 days } 1 band  
1-1 (3) AB } weak  
2-1 (4) D  
2-1 (5) Ronnie  
2-1 (6) Tracy  
2-1 (7) 2-1

Nov 10, 1976

Nov #1, 1976

9:30 batch 259 #1 only 3rd buffer  
100V 30mA gel on  
batch 259 #2 only

2:30 PM 100V 30mA gel on  
11-12 9:10 AM 100V 10mA Samples off

1-1 (1) 76-7864 (12)  
1-1 (2) (2) #2  
1-1 (3) (14)  
2-1 (4) 76-8488 Victim  
2-1 (5) ↓ #11 Surv-  
2-1 (6) 76-8440 (2)  
2-1 (7) 2-1

Nov 12, 1976

9:15 AM batch 259 gel on 100V 22 mA

10:30 AM Samples " 80V 13 mA

5 8:15 AM Samples off 80V 8 mA

2-1 (1) 76-8488 (12)

2-1 (2) (13)

2-1 (3) (14)

2-1 (4) (147)

✓ 2-1<sup>w?</sup> (5) 76-8743 (3) *post mortem*

2-1 (6) (8)

2-1 (7) 76-8488 (32)

Nov 15, 1976

8:30 AM Batch 261 #3 100V 29 mA gel on

10:30 apply samples 250V 32 mA

8:35 255V 32 1/2 mA

2-1 (1) 76-8744 (1) Swabs BP

2-1 (2) (2) paper towel ↓ BP

(3) 76-8746 (2A) BP

(4) (2A) BP

2-1 (5) (2B) BP

2-1 (6) (2D) B

2-1 (7) (8) ✓

*Swabs used*

Nov 16, 1976  
 New buffer  
 10:10 Gel plate on 100V 26mA  
 11:00 apply samples 250V 48mA  
 1-17 Plate off 8:55 250V 26mA

- 2-1 ① 76-9176 shirt
- 2-1 ② 76-9190 (E)
- 2-1 ③ ↓ Victim
- 2-1 ④ 76-8746
- 2-1 ⑤ (2A) Bedspread
- 2-1 ⑥ (2B)
- 2-1 ⑦ (9) Fred M whole blood samples
- 2-1 ⑧ (8) Mattie

Fingerprints running together across plate  
 Fresh crust & partially dried breath samples remained in sample holder longer than rest w/ peculiar bubble? then suddenly disappeared

Nov 21, 1976 warm bath & buffer  
 Batch 261 11-30 AM gel on 100V 72mA  
 12:30 100V 27mA gels off  
 12:45 250V 66mA samples on  
 1-17 9:30 AM 250V 68mA

- #1 Buffer 2x
- ① 76-9468 wick
  - ② ↓ ext
  - 2-1 ③ ↓ victim
  - 2-2 ④ 76-9138 Victim (9)
  - 2-2 ⑤ (1) blade
  - 2-2 ⑥ (1) Mattie
  - 2-1 ⑦

- #2 New buffer
- 2-2 ① 76-9138 (3) handle
  - 2-2 ② | (4)
  - 2-1 ③ (5)
  - 2-1 ④ (7)
  - 2-1 ⑤ 76-9190 (F)
  - 2-1 ⑥ (1)
  - 2-1 ⑦ (8)



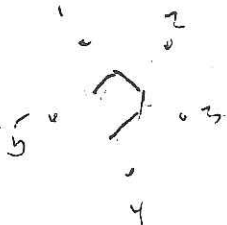
9 AM gel on Nov 22 1976  
 11:00 samples on 200V 72 mA  
 3:30 250V 78 mA

3rd run

5-1 (1) 76-9317 (1)  
 2-1 (2) (6) vestim  
 2-1 (3) 76-8746 (4) ~~W. Mulla~~ (3) pocketbk  
 1-1 (4) (17) S-Fred  
 (5) (20) Bedsprad  
 (6) (20)  
 (7) 2-1

nd run

#2- (1) 76-7658 (1) shirt BP  
 (2) (1) jeans BP  
 (3) (1) Glass BP  
 (4) (3) Mouth Swab - Suspect BP  
 (5) Deer blood & fresh 2 day 11-20 B  
 (6) 76-02781 (3) #1  
 (7) # 2-1

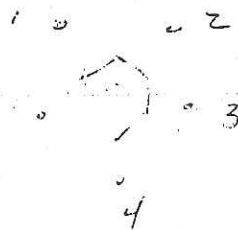


11-23-76

9:35 AM gel on Patch 259 100V 34 mA  
 10:15 gel off 100V 28 mA  
 Samples on 10:30 200V 58 mA  
 Off 11-23 8:30 210V 40 mA  
 new gel Buffer

at 1-1 (1) 76-8746 (4) BP  
 at 2-1 (2) (5) swab BP  
 at 2-1 (3) (6) BP  
 (4) 3912" - (72) BP  
 (5) (67)  
 (6) (42)  
 2-1 (7) 2-1

unter- Plate 3



at

8746 8746 (1) a li neg

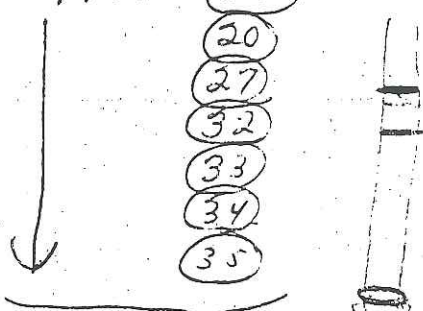
M5 Pct

7658 (1) jeans cont  
 7658 (1) shirt cont

10:15 11-24-76 33 mA 100V  
 plate on 11:00 100V 28 mA  
 samples on 11:10 100V 28 mA  
 5:30 11-26 100V 22 mA  
 2nd run

-1. ① 76-9441 ① S's blood BP  
 -1. ② ↓ ③ cont. of glass BP  
 -1. ③ ↓ ④ Gauge BP  
 -1 ④ 76-8666  
 2-1 ⑤ 76-8746 2A  
 2-1 ⑥ 2B  
 2-1 ⑦ 2-1

Dec 3, 1976  
 1 PM plate (#259) on 100V 51 mA  
 fresh, warm buffer  
 1:45 PM 100V 36 mA  
 2 PM 100V 24 mA - Samples on  
 12-5 9:30 AM 100V 24 mA Samples off

① 76-9910 ⑤  
 ② ②0  
 ③ ②7  
 ④ ③2  
 ⑤ ③3  
 ⑥ ③4  
 ⑦ ③5  
 all but ②  


2-1

Dec 5

9:45 AM plate on 100V 37 mA  
 10:30 AM " off 100V 31 mA  
 10:40 Samples on 100V 33 mA  
 11:20 ⑫-7 " off 100V 22 mA

5-1 ① 76-9176 ②  
 1-1 ② 76-8776 ③ victim  
 5-1 like above ③ 76-9910 ③9 #1  
 1-1 ④ ③9 #2  
 2-1 like above ⑤ 54 #1  
 1-1 like above ⑥ 54 #2  
 1-1 like above ⑦ 54 #4

Dec 7, 1976  
 11:15 plate on #259 100V 44mA  
 11:45 sample on 100V 41mA

2-1 (1) 76-10865 (2)  
 2-2 (2) (3)  
 2-1 (3) (1) shirt  
 (4) (4) swab  
 2-1 (5) 76-9910 (56) trench #1  
 2-1 (6) (57) 2nd section  
 (7) 2-1

Dec 10, 1976  
 9:45 AM plate on 100V 46mA #259 new buffer  
 10:30 " " 100V 33mA  
 10:40 samples on 100V 33mA  
 12-12 9:30 AM " off 100V 36mA

2-1\* (1) 76-9910 (55)  
 2-1\* (2) ~~55~~ 39 #2  
 2-1 (3) (56) #2 trench  
 (4) #3  
 2-1 (5) #4  
 (6) #1 jacket  
 2-1 (7) (57)  
 \* weak bottom top layer

Dec 12, 1976  
 9:30 AM plate on 200V 31mA  
 11 AM samples on 200V 38mA  
 12-13 8:40 AM " off 250V 41mA

(1) 76-11127 clot swab  
 (2) ↓  
 (3) baby  
 (4) #1  
 (5) #2  
 (6) #3  
 (7) 2-1



12-13-76  
 9:20 batch 256 100V 41mA  
 10 AM 100V 31mA  
 10:05 samples on 100V 29mA  
 8 AM off 100V 19mA

2-1 (1) 76-8167 (10)  
 1-1 (2) (11)  
 2-1 (3) (10)  
 1-1 (4) (11)  
 (5) 76-11127 baby  
 (6) ↓ clott  
 (7) 2-1

new buffer  
 warm bath  
 Dec 20, 1976  
 9:50 AM batch 256 100V 41mA  
 10:40 100V 22mA  
 10:55 AM samples on 200V 44mA  
 12:21 10 AM off 200V 28mA

2-1 (1) 76-11812 (45)  
 2-1 (2) (43)  
 1-1 (3) (46)  
 2-1 (4) (32)  
 2-1 (5) (3)  
 2-1 (6) 76-11290 (1)  
 2-1 (7) 2-1  
 12-21-76

10 AM 100V 31mA  
 10:30 100V 27mA samples on 200V 53mA  
 8:45 200V 35mA  
 1-1? (1) 76-11805 fetus  
 (2) 76-11290 fetus  
 2-1 (3) 76-11555 (3)  
 2-1 (4) (4)  
 2-2? (5) 76-11293 Turtim  
 2-1 (6) 76-11897 - geytop  
 (7)

12-22-76  
 9 AM plate on 100V 39 mA  
 9:30 " off 100V 25 mA  
 9:40 Samples on 200V 62 mA  
 23 8:45 " off 300V 35 mA

2-1 ① 76-11896 (A)  
 2-2 ② 76-11293 (K-4)  
 2-2 ③ K-7  
 2-2 ④ K-5  
 — ⑤ K-3  
 2-2 ⑥ V-1  
 ⑦ 2-1

12-27-76 #256 new buffer  
 9:30 AM plate on 100V 45 mA  
 10:30 AM " off 100V  
 10:45 Samples on 200V 28 mA  
 12-28 9:30 AM " off 200V 25 mA

2-1 ① 76-~~11896~~ 11812 (15)  
 ② 16  
 ③ 18  
 ④ 20  
 ⑤ 21  
 ⑥ 39  
 2-1 ⑦ 2-1

12-28-76

9:30 plate on 100V 25 mA  
 10:30 Samples on 200V 31 mA  
 12-28 8:30 AM " off 200V 31 mA

1-1 ① 76-12234 (2)  
 1-1 ② (1)  
 2-1 ③ 76-11812 (17)  
 2-1 ④ (30)  
 2-1 ⑤ (31)  
 ⑥ Deer  
 ⑦ 2-1  
 ⑧

12-29-76  
 8:30 AM 100V 33mA plate on  
 9:25 AM Samples on 200V 51mA  
 10 AM Samples off 200V 33mA

1-1 (1) 76-04996 (3)  
 1-1 (2) 76W 2046 (1)  
 2-1\* (3) 76W 1360 (12)  
 2-1\* (4) ↓ (14)  
 2-1\* (5) 76-11847 (13)  
 2-1\* (6) (7)  
 (7) 2-1  
 (8)

new  
 buffer  
 #256  
 12-30-76  
 10:30 AM plate on 100V 33mA  
 11:15 AM Samples on 100V 30mA  
 3 15 200V 34mA  
 12-31 5 PM 200V 40mA

(1) 76W 2046 (1)  
 2-1 (2) 76-12 397 (6)  
 2-1 (3) (7)  
 2-1 (4) (8)  
 2-1 (5) (9) Victim  
 2-1\* (6) 76-11847 (8)  
 (7) 2-1

12-31-76  
 5 PM plate on 100V 33mA  
 6 PM Samples on 100V 23mA  
 12 noon 100V 19mA

2-1 (1) 76-11847 (15) nylon  
 2-1 (2) (17)  
 2-1 (3) (18)  
 2-1 (4) (20) #1  
 2-1 (5) (21) #2  
 1-1\* (6) 76-10788 (18) #33 Stem (3)  
 (7) 2-1



1-2-77

noon plates on 100V 25mA  
12:45 Samples on 200V 43mA

3-75 9:45 samples off 200 31mA

1-1 (1) 76-10788 (4)  
(2) (10)  
(3) (11) #1  
(4) (11) #2  
(5) (11) #3  
(6) (13) #1  
(7) (18) #2