

May 26, 1977

9:15 AM 400 V 46 mA EAP ↑  
1:45 400 55 mA

- 1 ① 76-7864 Suspect
- 1 ② 76-23555
- BA 2-1 ③ 76-~~21989~~W 3785 ①
- B 1 ④ 76W 3816 ②
- 1 ⑤ 76W 3419 ②
- 1 ⑥ 76W 3825 ①
- F 1 ⑦ 76-21989 ①⑦
- 1 ⑧
- 1 ⑨ 76-23723 ④ tamper ①⑦
- F 1 ⑩ 76-23759 ② tissue
- F 1 ⑪ 76-23723 ②②
- F 1 ⑫ A

EAP ↓

May 27, 1977

ON- 9:25 AM 400V 13 mA

- B or CB ① CB control
  - BA? ② 76-23044 whole
  - BA ③ ↓ saline + cells
  - B? or BA ④ 76-23067 whole  
Lonna
  - B ⑤ ↓ saline + cells
  - heavy band ⑥ 76-23030 whole
  - B ⑦ ↓ extract
  - heavy band ⑧ 76-22708 whole
  - B ⑨ extract
  - ⑩ 76-7864 Suspect
  - B? ⑪ 76-22710 Suspect (W)
  - A ⑫ A control
- Plate made up 15% glycerol

Run May 27, 1977

Gel plate made with  
15% glycerol -  
Development time 10 min.  
Notes: Bad separation  
between EAP & EsD

Poor definition EsD  
Poor migration EAP - good  
definition

Samples must be repeated  
to be sure of results.

Suggested changes:

1 - Cut % of glycerol  
to 5%

2 - Run EsD tank buffer  
1/10 dilution of EAP  
tank buffer

Also: Make 125 ml gel instead  
of 100 ml for scraping

May 27, 1977

9:40 PM Samples on 400V 26 mA

1:35 PM Samples off 400V 29 mA

B 1 (1) Gary Jindley  
BA? - (2) 76-23049 Foreman <sup>too strong</sup> needs repeating  
CA 2 (3) Robin Porter known  
B<sup>C</sup> 3-1 (4) 76-23030 Mary Diggs <sup>too strong</sup> needs repeating  
B-2-1 (5) Alan Armstrong  
B 1 (6) 76-2270? Mr Cree  
B<sup>1</sup> 1: (7) Dave O'Neil <sup>needs repeating</sup>  
Borcs i (8) 76-23067 Shoemaker <sup>too strong</sup> needs repeating  
B 1 (9) 76-22710 (10)  
A 1 (11) Mg  
— (11) 76-23384 (11) } results look  
— (12) 76-23383 (12) } strange - band in  
Bases, no C band -  
like some animal blood

10% starch made w/ gel buffer  
5% glycerol.

Development time 15-20 min.

Separation good - bands somewhat  
more diffuse. Addition of glycerol  
seems to effect EsD adversely.

If EAP is to be run alone -  
Suggest 5-10% glycerol for  
improved resolution.

June 3, 1977

EAP ↑

11:20 AM samples on 400V 29 mA

3:15 PM Samples off 400V 40 mA

- CB: 1 ① Gary Findley
- ② 76-23049 - Alan Foreman (saline + cells)
- B 2 ③ Robin Porter Very bad
- B 1 ④ 76-23030 Mary Diggs (extract)
- B 0-1 ⑤ Don Armstrong
- B 1 ⑥ 76-22708 Mrs. Crue
- B 1 ⑦ Dave O'Neil
- CB 1 ⑧ 76-23067 Shoemaker (saline + cells)
- B 1 ⑨ 76-22710 ⑩ S's blood
- A 1 ⑩ mg. PAGE A
- B 1 ⑪ 76-7864 ⑬ S's blood
- B 1 ⑫ 76-23383 ⑮ S's blood

Very diffuse

all samples must be repeated

June 2, 1977

EAP ↓

9:30 AM 400V 44 mA

1:30 PM 400V 51 mA

- B band — ① 76-23723 ⑬ ⑭
- B 1 ② 76-7864 Suspect ⑮
- B 1 ③ 76-23383 ⑯
- BA 1 ④ 76-23895 ⑰
- BA 1 ⑤ ⑱ pillow
- BA 1 ⑥ ⑲ case
- BA 1 ⑦ ⑳
- B 1 ⑧ ㉑
- B 1 ⑨ 76-23723 ㉒
- band 3? 1 ⑩ 76-23759 ㉓ tissue
- \* BA band 1 ⑪ horse
- A 1 ⑫ MJ

\* H' band slightly lower than H' bands (human) in known and heavier, A bands missing in horse.

June 13, 1977  
7:40 AM 400V 42mA

EAP  
↓

BA 1 (1) 76-24966 (19)  
B 2-1 (2) (21)  
B 2-1 (3) (2) #17  
B 2-1 (4) (2) #1B  
— (5) (3) #1  
B 2-1 (6) (3) #3  
B 2-1 (7) (3) #4  
— (8) (7)  
— (9) (8)  
B 1 (10) 76-24967 victim  
B 1 (11) 76-25759  
A 1 (12) MJ

June 27, 1977  
9 AM 400V 49mA  
1:20 PM 400V 53mA

EAP ESD

B 1 (1) 76-25753 (2) #1  
E 1 (2) #2  
B 1 (3) #3  
B 1 (4) #4  
B 1 (5) (2E)  
B 1 (6) (2E)  
B 1 (7) (3)  
B 1 (8) (7)  
BA 2 (9) (6)  
BA 2 (10) (7)  
BA 2 (11) (8)  
A 1 (12) MJ

June 29, 1977  
 10:55 400 V 43 mA  
 3 PM

EAP  
 ↓

June 30, 1977  
 10:25 400 V 48 mA  
 3:55 400 V 52 mA  
 current off 2 time (led)  
 again

EAP

EAP	ESD		
BA	2	① 76-25753	⑨
—	2	②	⑩
BA	2	③	⑪
B	1	④ 76-26234	⑬
—	—	⑤ 76-25652	④ shapkin
BA	—	⑥	⑤
BA	—	⑦	⑥ pad
B	1	⑧ 76-24967	④
B	—	⑨	⑤
—	—	⑩	① A well (wells)
BA	2	⑪ 76-25753	prebious
A	1	⑫ MJ	

EAP	ESD		
BA	2	① 76-25753	wells
B	2-1	② 76-24966	③ #1
B	2-1	③ 76-25456	⑥
B?	—	④	⑩
B?	—	⑤	⑮
—	—	⑥	⑯
BA?	1	⑦ 76-25457	baby
BA?	1	⑧ 76-25459	⑫
BA?	1	⑨	⑰
R	1	⑩	⑳
R	1	⑪	⑱
A	1	⑫ MJ	

July 1, 1977  
 10:45 AM 400V 43mA

EAP  
 ↓

July 5, 1977  
 11:30 AM 400V 48mA  
 3:40 400V 53mA

EAP  
 BA  
 B  
 B  
 B  
 B  
 B  
 B  
 B  
 B  
 B  
 B  
 B

ESD

- ① 76-25652 ④
- ② Pat Lordi
- ③ 76-25458 ⑬ Swab
- ④ ⑰
- ⑤ ⑱
- ⑥ ⑲
- ⑦ ⑳
- ⑧ ㉑
- ⑨ ㉒
- ⑩ 76-25456 ⑩
- ⑪ ⑰
- ⑫ MJ

EAP

ESD

- ① 76-25753 ⑬ #1 left
- ② #2 "
- ③ #3 "
- ④ #4 "
- ⑤ #5 "
- ⑥ #1 Jean
- ⑦ 76-26356 ④
- ⑧ ↓ ③
- ⑨ 76-25770 ⑬
- ⑩ ⑪
- ⑪ 76-25753 ⑬ #3 weeks
- ⑫ MJ
- ⑬

10:30  
3:35

July 18, 1977  
400V 48mA  
400V 56mA

EAP  
↑

Aug 1st  
July 29, 1977  
2:15 AM 400V 46mA

EAP

EAP / ESD

*	B	2-1	①	76-25459	②③ suspect
	BA	2-1	②	76-15410	②③ suspect
	B	1	③	77-00254	①
	B	1	④	77-00345	⑤
	B	1	⑤		④
	B	1	⑥		③
	B	1	⑦		①②
	B	1	⑧	77-00035	victim
	CB	1	⑨		↓ fetus
*	B	1	⑩	77-00348	lt orange / top tablet
	B	1	⑪	77-00254	①
	B	1	⑫	MJ	

EAP / ESD

B <sup>2</sup>	—	①	77-00676	①
B	—	②	77-00692	①
B	1	③	76-25770	②④
B	—	④	76-00559	①
B	1	⑤		④
B	—	⑥		⑥
B	1	⑦		↓ victim
CB	1	⑧	77-00254	①
CB	1	⑨		↓
CB	1	⑩		↓
B	1	⑪	77-00644	⑤
A	1	⑫	MJ	

\* looked like CB or B - hard to tell

Aug 2, 1977  
9:15 AM 400 V 47 mA

EAP  
7

B	2-1	①	76-25770	Scupent
CA	-	②	76-00505	①
CA	1	③	↓	⑥
		④	77-00533	①
		⑤	↓	②
		⑥	↓	① ant
B	1	⑦	77-00559	④
	1	⑧		⑥ left
		⑨	76-25770	②
B	1	⑩	77-00384	②-4
		⑪	77-00644	②
A	1	⑫	MJ	

Aug 17  
9:35 AM 360 V 58 mA  
11 AM 400 V 56 mA  
1:35 400 V 63 mA

EAP  
↓

B	①	77-00644	④
CB	②	77-00867	①
blue to top of	③	77-00934	① muddy
B	④		③
	⑤		⑤
B	⑥		⑥
B	⑦		⑦
⑧	⑧	Dog	
⑨	⑨	Flying Squirrel	
⑩	⑩	77-00831	
B	⑪	76-25770	Victim
A	⑫	MJ	



EAP ↑ new

Aug 15, 1977 Buffer  
9:05 AM 400 V 55 mA

EAP ESD

_____	①	77-00831	①
B band	②	76-25770	②.6
no C band	③	↓	touch
_____	④	77-00697	⑦
_____	⑤	↓	↓
_____	⑥	<del>77-00697</del>	⑫
band lower than	⑦	Horse	
A? band	⑧	77-00940	
B 2-1	⑨	77-00941	
BA 1	⑩	Chipmunk	
- band 26 m/s	⑪	77-00575	✓
RA 1	⑫	MJ	
A 1			

Aug 18, 1977 EAP ↑  
9 AM 400 V 38 mA

Samples put on within 20 min  
of marking

	1	①	77-01166	④	1 piece
CA	1	②	↓	④	3 pieces
CA	1	③	↓	⑤	2 pieces
B	2-1	④	76-25770	②.6	
B	1	⑤	77-01065	<del>touch</del>	
	1	⑥	77-00697	Victim	
A?	1	⑦	↓	⑦	
		⑧		⑫	
A	1	⑨	old MJ	2x	
B	1	⑩	77-01145		
BA	1	⑪	77-01085		
A	1	⑫	new MJ		

EAP ↓

Aug 19, 1977

9:10 AM 400 V 40 m A  
 1:00 700 48 m A

Starch plate 10 min RT 20 min cooling  
 Plate

		① 77-01166	④ 1 piece
		② ↓	④ 2 "
		③ ↓	⑤ 1 "
A	1	④ MJ	
A	1	⑤ 77-00697	⑦
A	1	⑥ ↓	⑫ Vector
A	1	⑦ MJ	
		⑧ 77-00831 gauge	
		⑩ <del>77-00340</del>	
B	2-1	⑪ 77-00340	
SA	1	⑬ 77-00941	

EAP EsD

—	1	① 77-01221	④ 1
CA	1	② <del>77-01166</del>	④ ext 1 piece
CA	1	③ ↓	⑤ ext 1 "
A	1	④ MJ	
—	1	⑤ 77-01166	④ 2
—	1	⑥	⑤ 2
—	1	⑦	④ 3
—	1	⑧	⑤ 3
A	1	⑨ MJ	2
—	1	⑩ 77-01221	④ 2
CA	1	⑪ 77-01166	④ ext 2 pieces
CA	1	⑬	⑤ ext 2 "

Aug 22, 1977

9:05 740 V 39 m A  
 1:20 400 V 48 m A

Starch plate RT 20 min - plate 30

→ Band above A - below  
 EsD-1 - R? or storage