

New Buffer
 Samples on 400V 25mA
 400V 45mA

EAP ↓

- 1) Gary Jindley
- 2) Alice M... purple + yellow
- 3) ... Bradley yellow
- 4) N. Sulphur
- 5) T. Sulphur
- 6) David Powell
- 7) Ruby Powell
- 8) Don ...
- 9) Earl
- 10) Hans
- 11) Robin
- 12) ...

2 bands visible (2, 3), 4, 10
 ... excellent
 ... has 2 bands
 ...
 4 bands
 ...
 ...
 ...

May 16, 1977
 9:55 AM 400V 34 mA
 2 CP 400V 40 mA

↑ EAP

10/25
JF

EAP FSD

- B 1 (1) 76-16982 (33)
- B 1 (2) (34)
- F 1 (3) (35)
- B 1 (4) 76-11812 (49) purple
- B 1 (5) (49) red
- BA 2 (6) (50) purple
- PA 1 (7) ↓ red
- 1 (8) 76-22046 Vertin (1)
- 1 (9) ↓
- A 2 (10) 76-22531
- 1 (11) CB
- A 1 (12) MJ

(10) lower A band 21°
 ... broad above, higher
 (11) than (12) upper band

May 20, 1977 EAP ↑
11:15 AM Samples on 400V 26mA

EAP ESD

A 1 ① 76-20894 ① swab
— ② ①⑦ extract
A 1 ③ ①⑧ swab
— ④ ①⑧ extract
A 1 ⑤ ①⑨ swab
A 1 ⑥ ①⑨ extract
— ⑦ ②⑩ swab
— ⑧ ②⑩ extract
A 1 ⑨ ②② extract
A 1 ⑩ ②③ extract
A 1 ⑪ A
BA 1 ⑫ ~~BA~~ BA Jan

May 23, 1977 EAP ↓
9:40 AM 400V 44mA

B 1 ① 76-23383 Victim
A 1 ② Suspect
B 1 ③ blue jeans
E 1 ④ 76W3797 ⑥
L 1 ⑤ ⑧
L 1 ⑥ baby
BA 1 ⑦ 76-22531
BA 1 ⑧ 4623098 ①
BA 1 ⑨ ②
A 1 ⑩ 76-22046 ④
CBor 1 ⑪ Victim
A 1 ⑫ MJ

* Lower A band OH - refer sec
5/16/77

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EAP ↓

10/25
97

May 26, 1977

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

- 1 ① 76-7864 Suspect
 A 1 ② 76-23555
 BA 2-1 ③ 76-~~21989~~W 3785 ①
 ④ 76W 3816 ②
 ⑤ 76W 3419 ②
 ⑥ 76W 3825 ①
 ⑦ 76-21989 ⑩
 ⑧ ⑩
 ⑨ 76-23728 ⑦ Temp ⑩
 ⑩ 76-23759 ② Tissue
 ⑪ 76-23723 ②
 ⑫ A

May 27, 1977
ON- 9:25 AM 400V 13 mA

- B or CB ① CB control
 BA? ② 76-23049 whole
 ↓
 BA ③ saline + cells
 B? or BA ④ 76-23067 whole
 ↓
 B ⑤ saline + cells
 heavy B heard ⑥ 76-23030 whole
 B ⑦ extract
 heavy B heard ⑧ 76-22708 whole
 B ⑨ extract
 — ⑩ 76-7864 Suspect
 B? ⑪ 76-22710 Suspect W
 A ⑫ A control
 Plate made w/ 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 31, 1977 ↑

9:40 PM Samples on 400V 26 mA

1:35 PM Samples off 400V 24 mA

B	1	(1)	Gary Hindley	
BA?	-	(2)	76-23049 Foreman	too strong needs repeating
CA	2	(3)	Robert Porter	UNKNOWN
B ^{C by me}	2-1	(4)	76-23030 Mary Diggs	too strong needs repeating
B-2-1	(5)		Don Armstrong	
B	1	(6)	76-22708 Tom Crae	
B ^{1?}	(7)		Dave O'Neil	needs repeating
BoreB	i	(8)	76-23067 Shoemaker	too strong needs repeating
B	1	(9)	76-22710 (10)	
A	1	(10)	Mg	
-		(11)	76-7864 (17)	} results look strange - band in B area, no C band - like some animal blood
-		(12)	76-23383 (5)	

10% starch made up 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.

10-25
27

June 3, 1977

EAP
↑

11:20 AM samples on 400V 29 mA

3:15 PM Samples off 400V 40 mA

- CB² 1 ① Gary Findley
- 2 ② 76-23049 - Alan Foreman (saline + cells)
- 2 ③ Robin Porter very bad
- B 1 ④ 76-23030 Mary Diggs (extract)
- B 2-1 ⑤ Don Armstrong
- B 1 ⑥ 76-22708 Mc Crae
- B 1 ⑦ Dave O'Neil
- CB² 1 ⑧ 76-23067 Shoemaker (saline + cells)
- B 1 ⑨ 76-22710 ⑩ S's blood
- A 1 ⑩ mg. PAK H
- 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 ~~16~~ ⑬
- B 1 ② 76-7864 Suspect ⑭
- R 1 ③ 76-23383 ⑮
- BA 1 ④ 76-23895 ⑯
- CA 1 ⑤ ⑰ pillow
- BA 1 ⑥ ⑱ case
- EA 1 ⑦ ⑲
- BA 1 ⑧ ⑳
- B 1 ⑨ 76-23723 ㉑
- band 1 ⑩ 76-23759 ㉒ tissue
- * BA band 1 ⑪ horse
- A 1 ⑫ MJ

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

10/25
J-1