FIGURE 1A

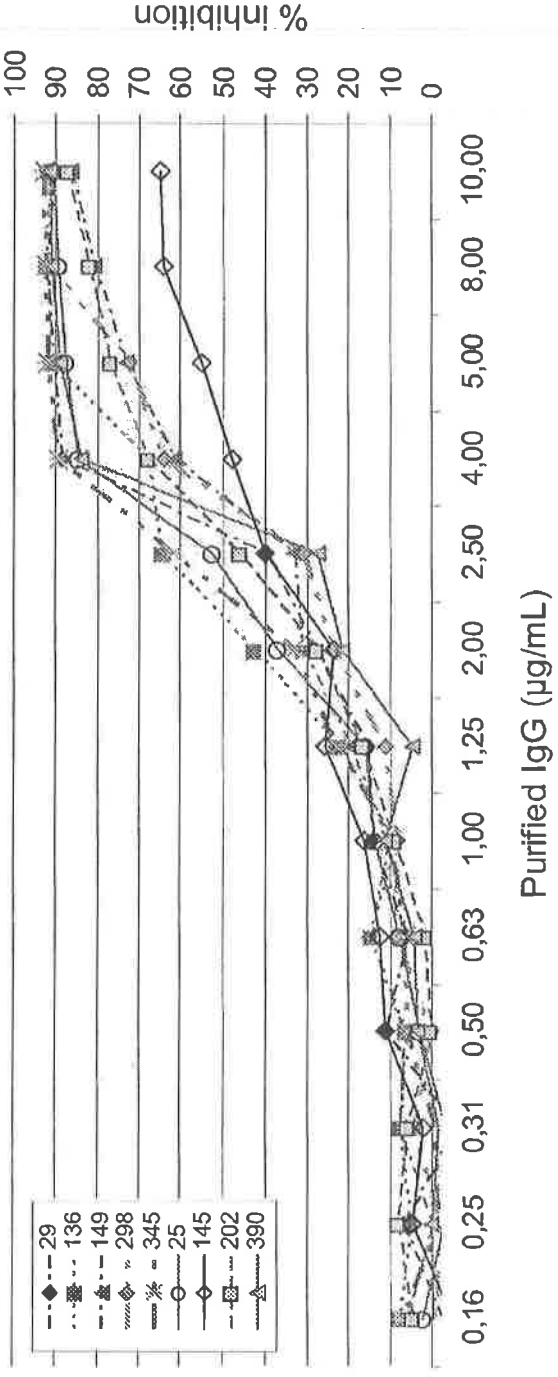
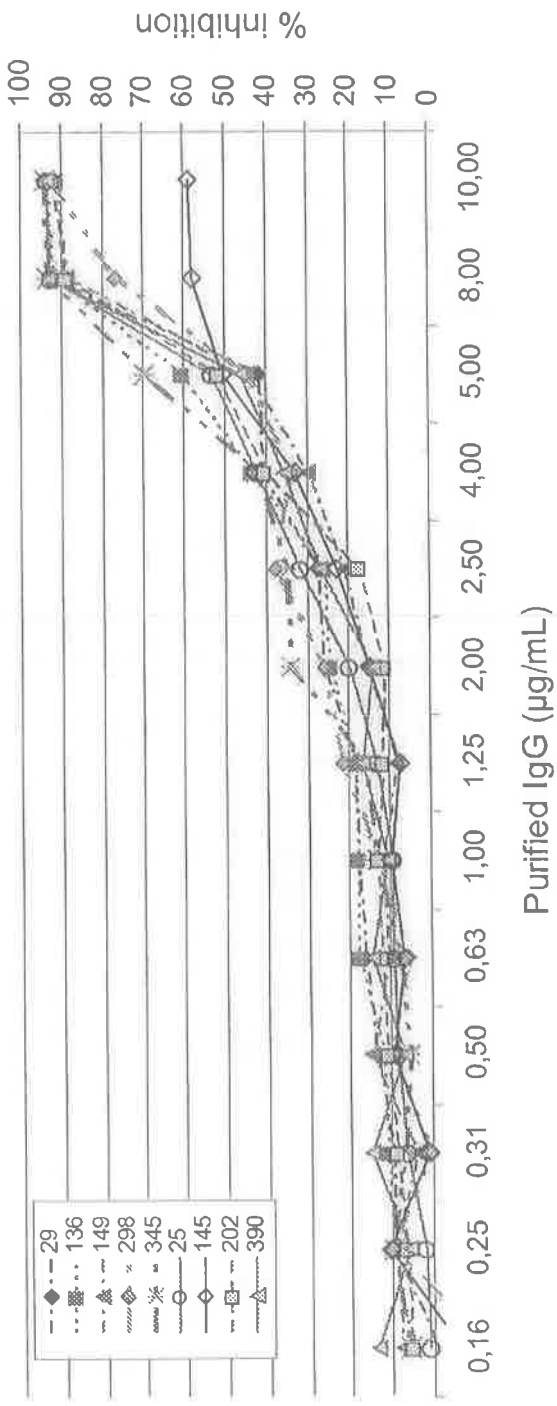

% inhibition
100
90
80
70
60
50
40
30
20
10
0
0,16
0,25
0,31
0,50
0,63
1,00
1,25
2,00
2,50
4,00
5,00
8,00
10,00
Purified IgG (µg/mL)
29
136
149
298
345
25
145
202
390

FIGURE 1B


% inhibition
100
90
80
70
60
50
40
30
20
10
0
0,16
0,25
0,31
0,50
0,63
1,00
1,25
2,00
2,50
4,00
5,00
8,00
10,00
Purified IgG (µg/mL)
29
136
149
298
345
25
145
202
390

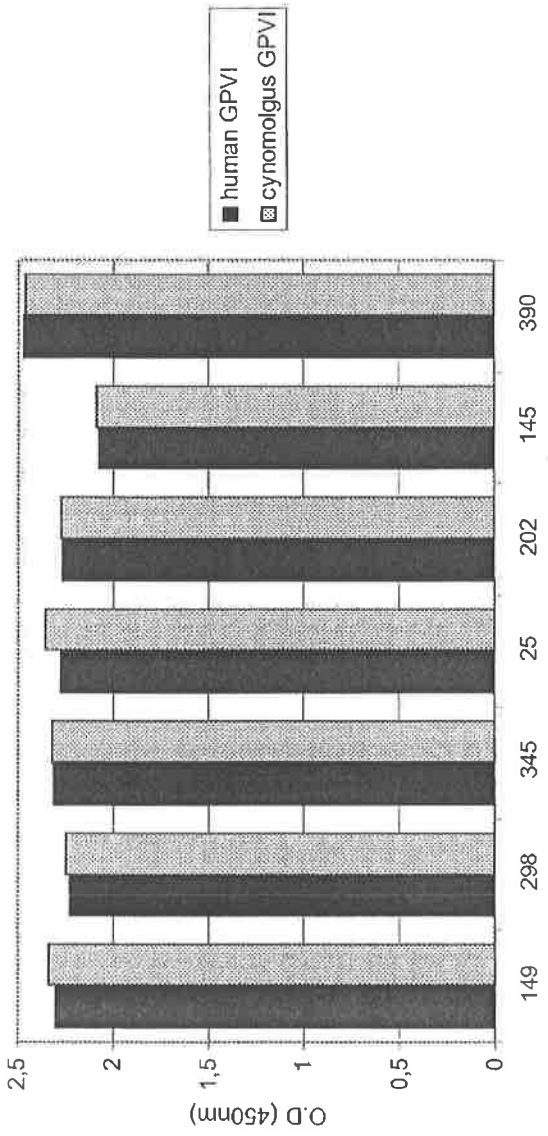

human GPVI
cynomolgus GPVI
O.D (450nm)
2,5
2
1,5
1
0,5
0
149
298
345
25
202
145
390

FIGURE 2

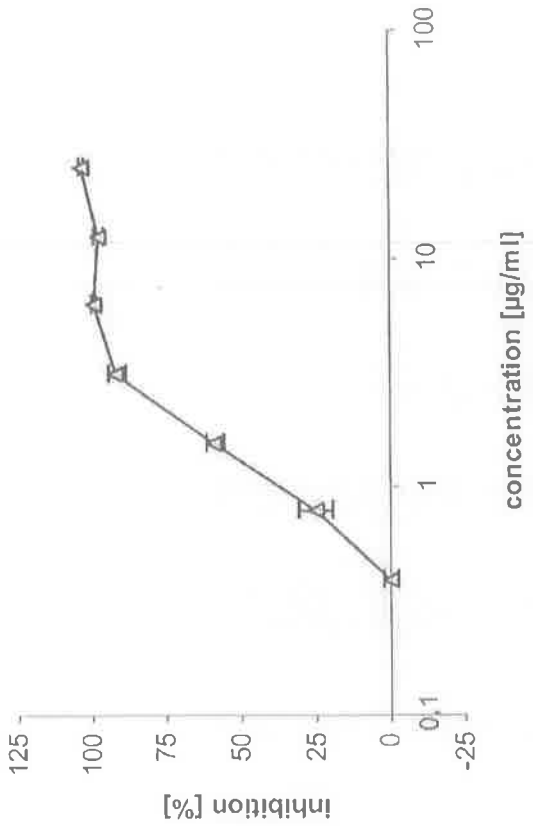

inhibition [%]
125
100
75
50
25
0
-25
0,1
1
10
100
concentration [µg/ml]

FIGURE 3

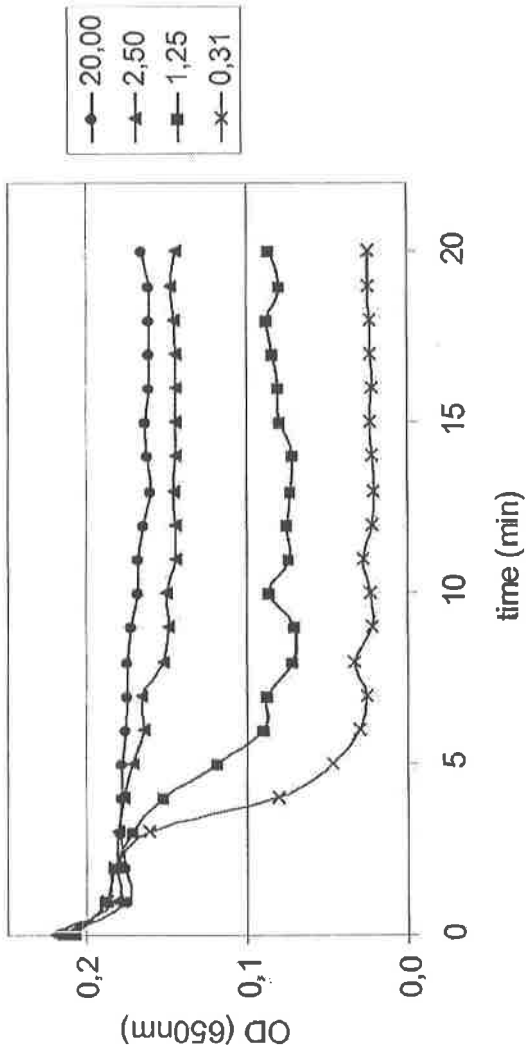


FIGURE 4

FIGURE 5C

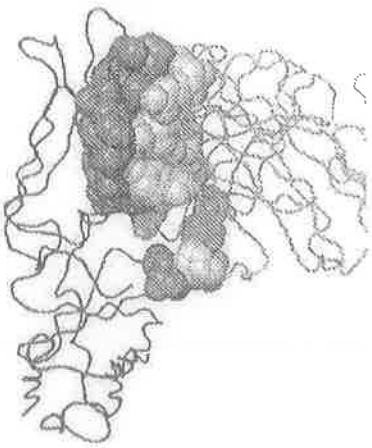


FIGURE 5B

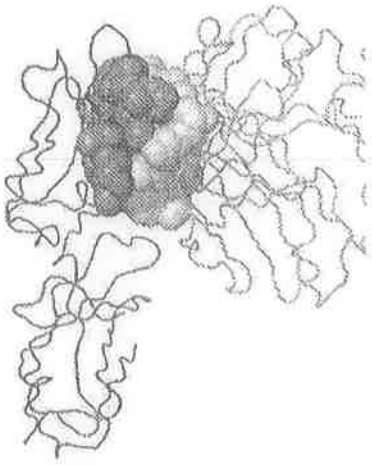
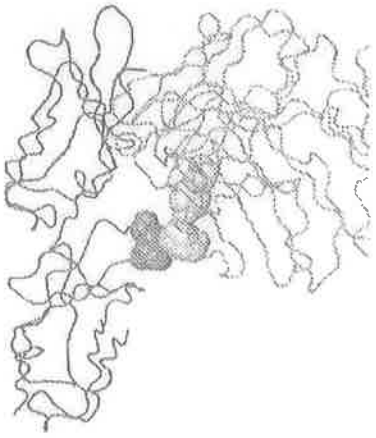


FIGURE 5A



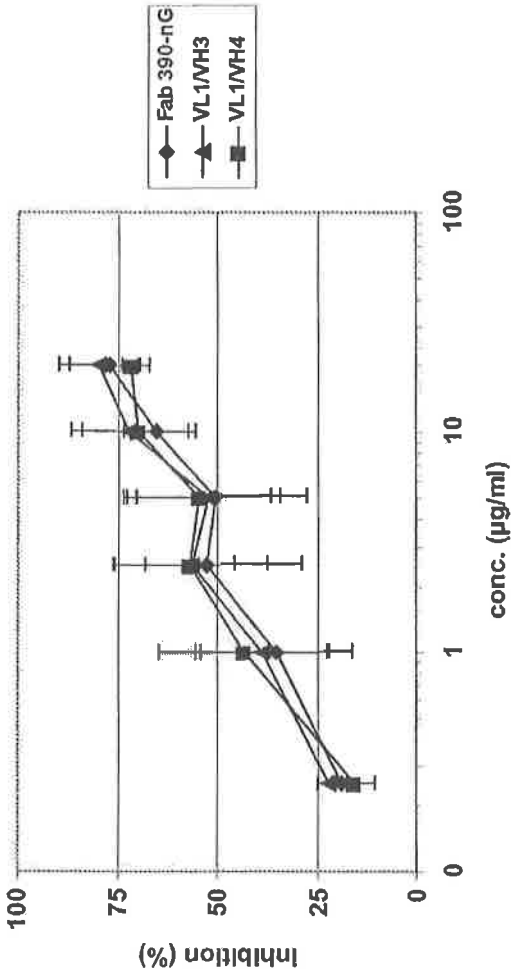

Fab 390-nG
VL1/VH3
VL1/VH4
Inhibition (%)
100
75
50
25
0
0
1
10
100
conc. (µg/ml)

FIGURE 6

FIGURE 7A

No treatment

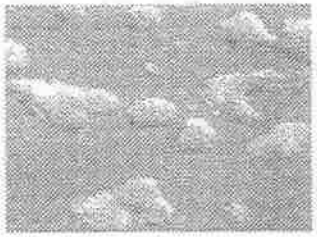


FIGURE 7B

Fab 390-nG (5µg/ml)

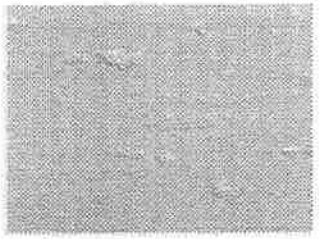


FIGURE 7C

Fab 390-nG (10µg/ml)

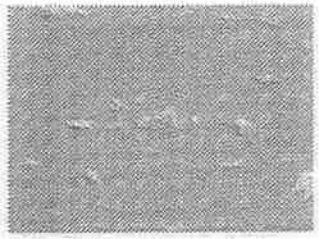


FIGURE 7D

No treatment



FIGURE 7E

VL1/H3 (5µg/ml)

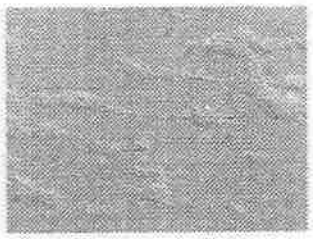
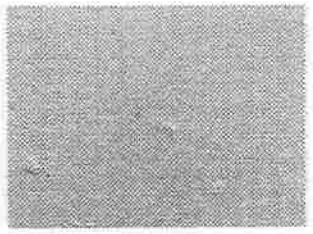


FIGURE 7F

VL1/VH3 (10µg/ml)



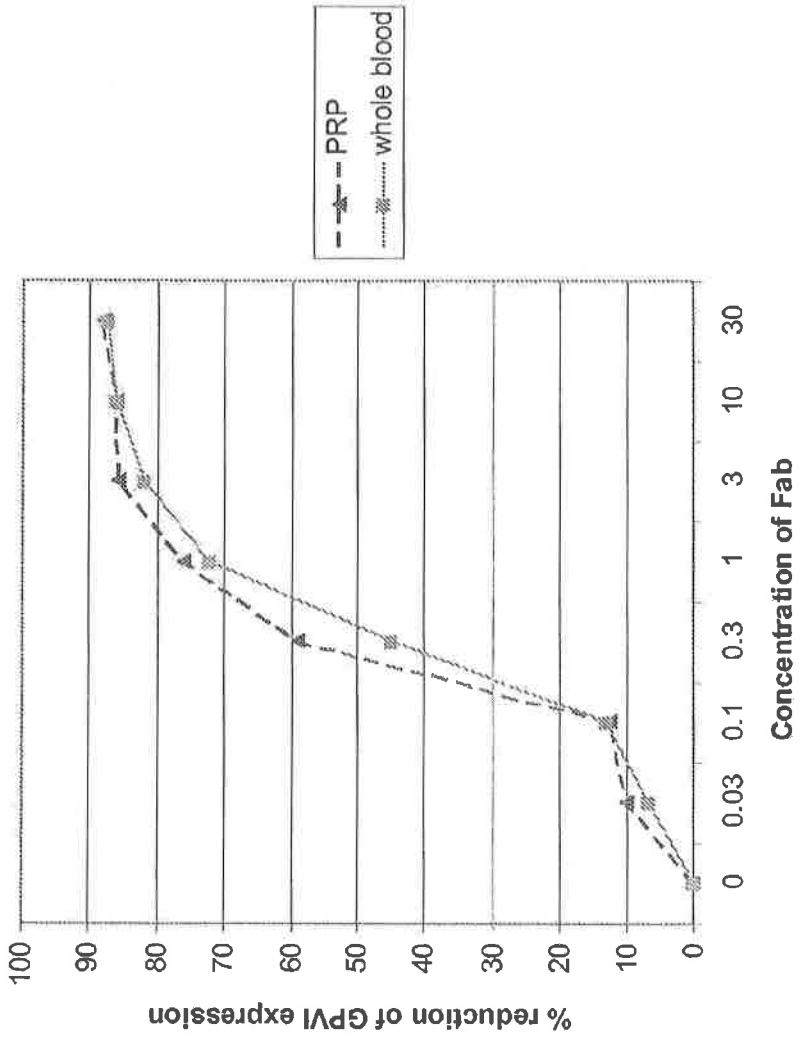

PRP
whole blood
% reduction of GPVI expression
100
90
80
70
60
50
40
30
20
10
0
0
0.03
0.1
0.3
1
3
10
30
Concentration of Fab

FIGURE 8

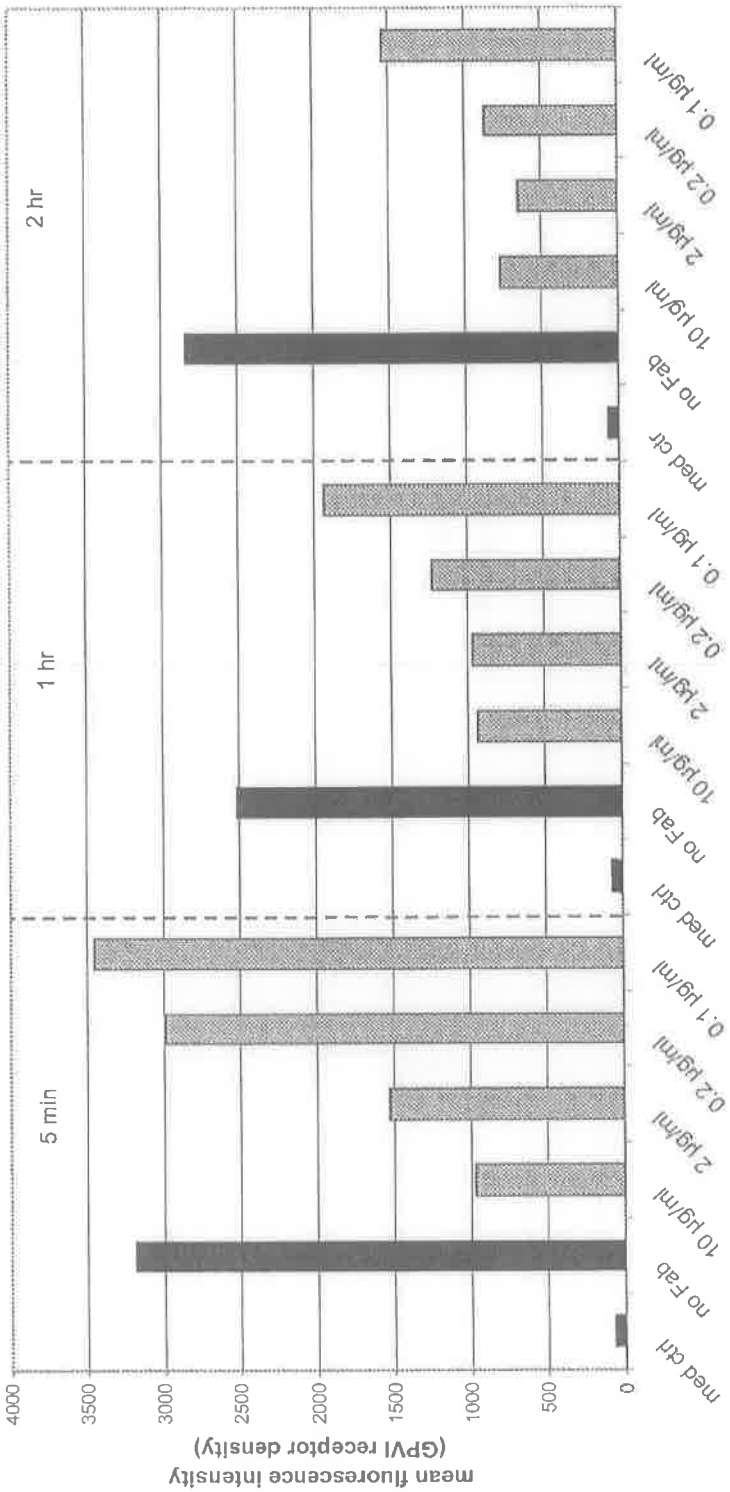

mean fluorescence intensity
(GPVI receptor density)
4000
3500
3000
2500
2000
1500
1000
500
0
5 min
1 hr
2 hr
med ctrl
no Fab
10 µg/ml
2 µg/ml
0.2 µg/ml
0.1 µg/ml
med ctrl
no Fab
10 µg/ml
2 µg/ml
0.2 µg/ml
0.1 µg/ml
med ctrl
no Fab
10 µg/ml
2 µg/ml
0.2 µg/ml
0.1 µg/ml

FIGURE 9

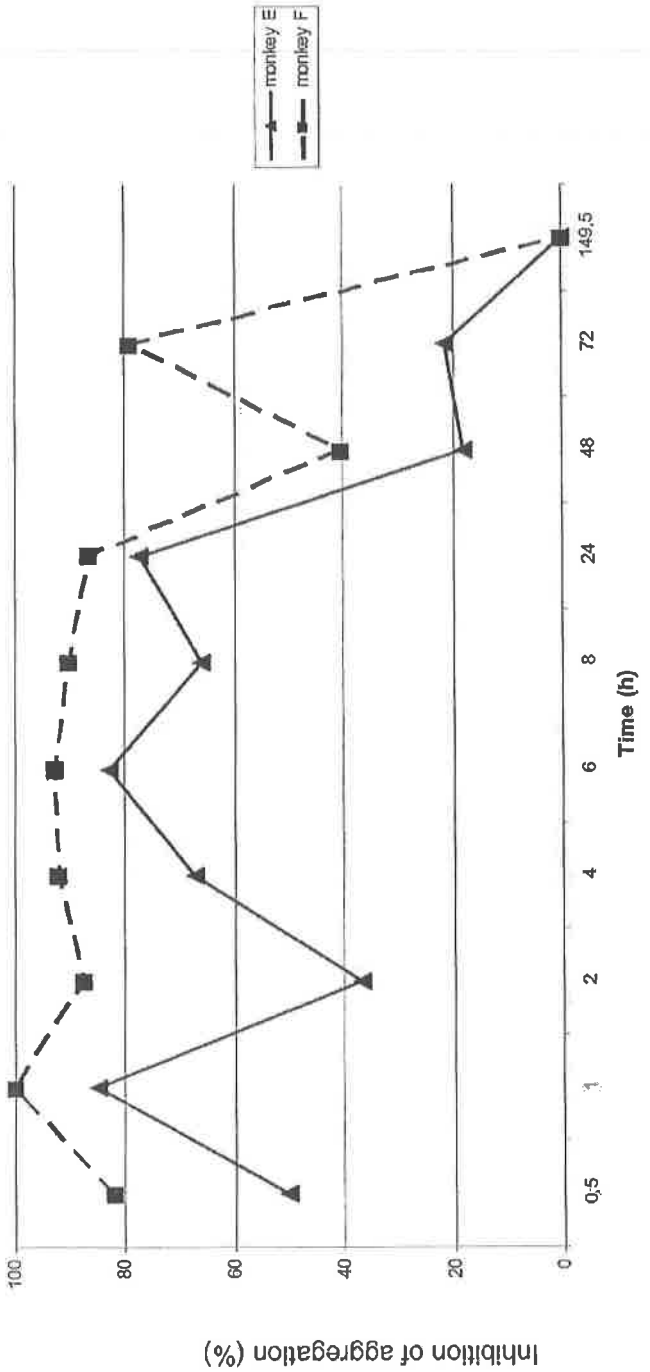

monkey E
monkey F
Inhibition of aggregation (%)
100
80
60
40
20
0
0,5
1
2
4
6
8
24
48
72
149,5
Time (h)

FIGURE 10A

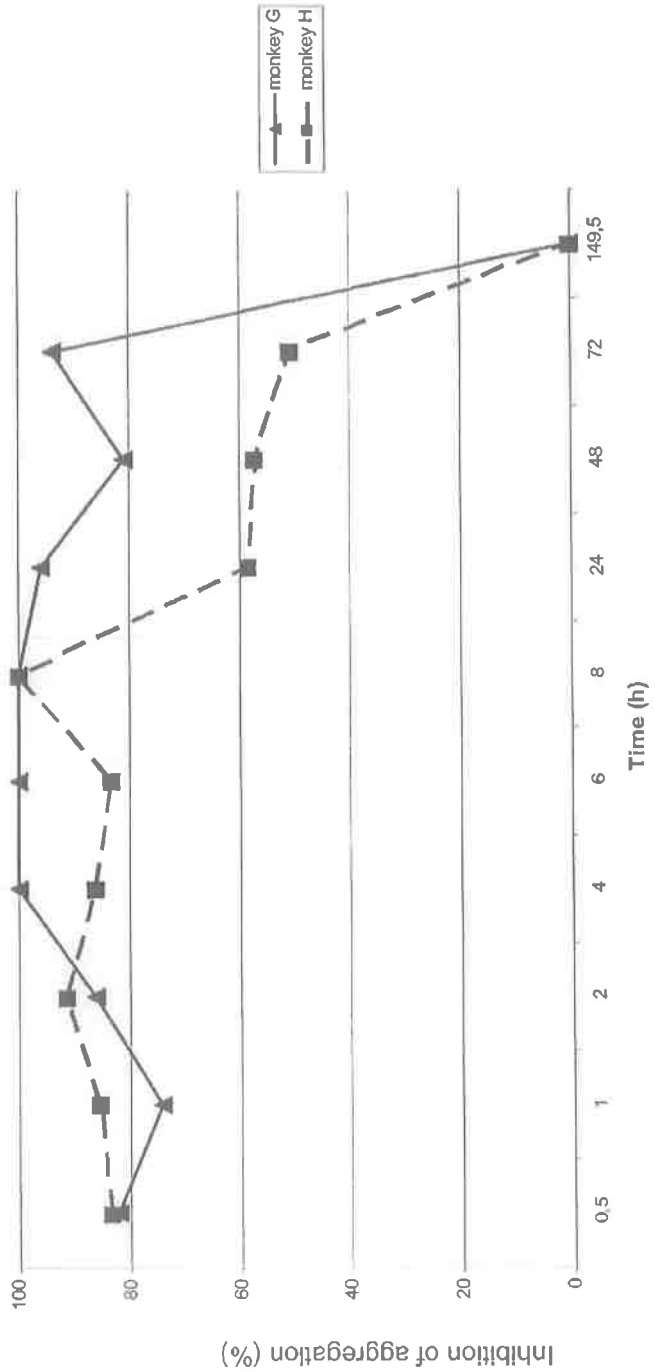

monkey G
monkey H
Inhibition of aggregation (%)
100
80
60
40
20
0
0,5
1
2
4
6
8
24
48
72
149,5
Time (h)

FIGURE 10B

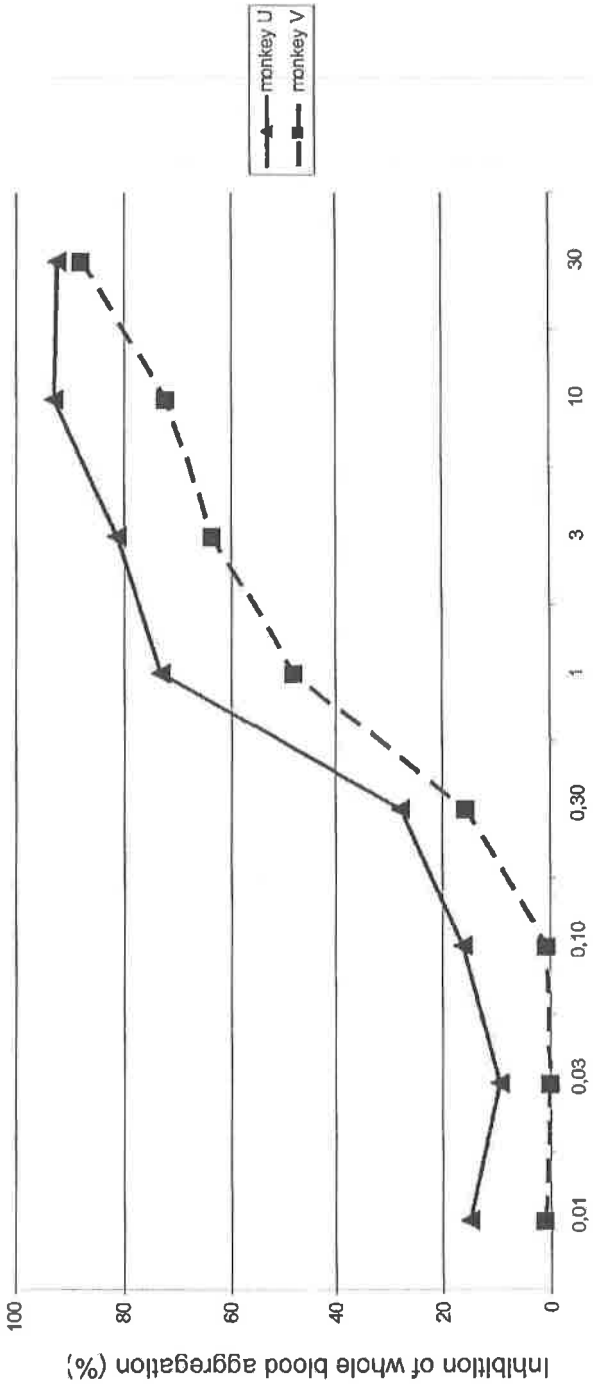

monkey U
monkey V
Inhibition of whole blood aggregation (%)
100
80
60
40
20
0
0,01
0,03
0,10
0,30
1
3
10
30

FIGURE 11

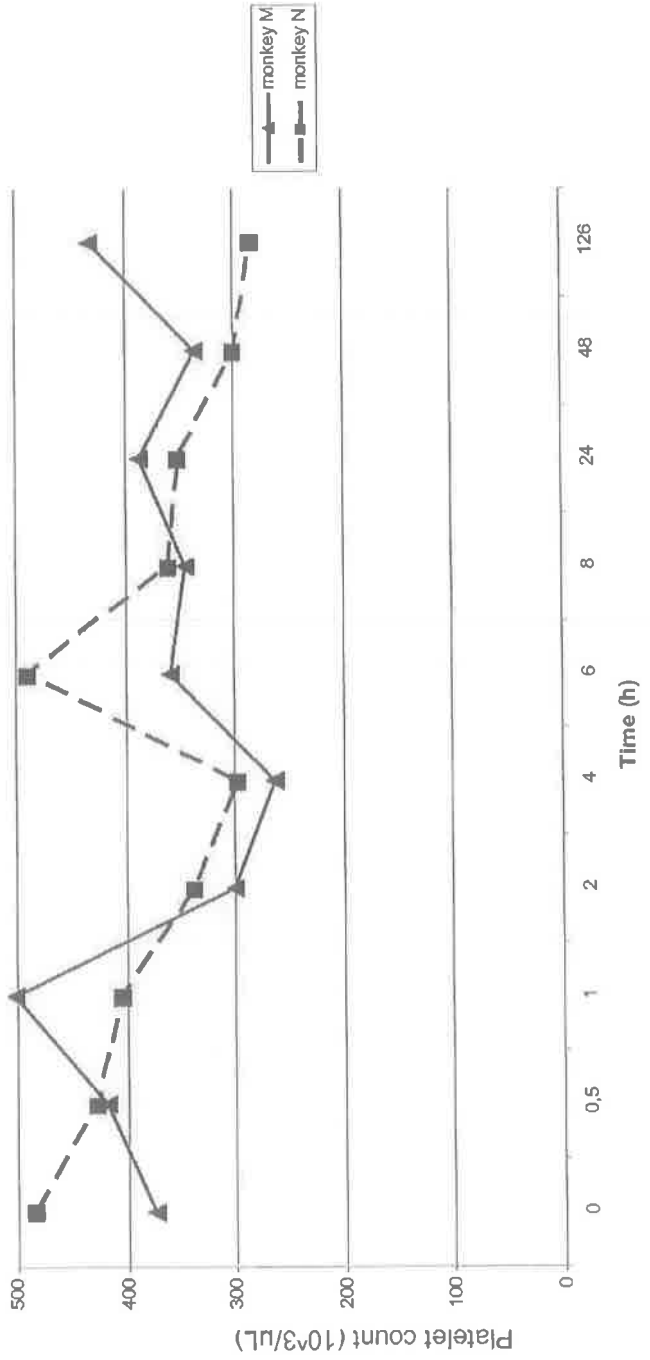

monkey M
monkey N
Platelet count (10^3/uL)
500
400
300
200
100
0
0
0,5
1
2
4
6
8
24
48
126
Time (h)

FIGURE 12A

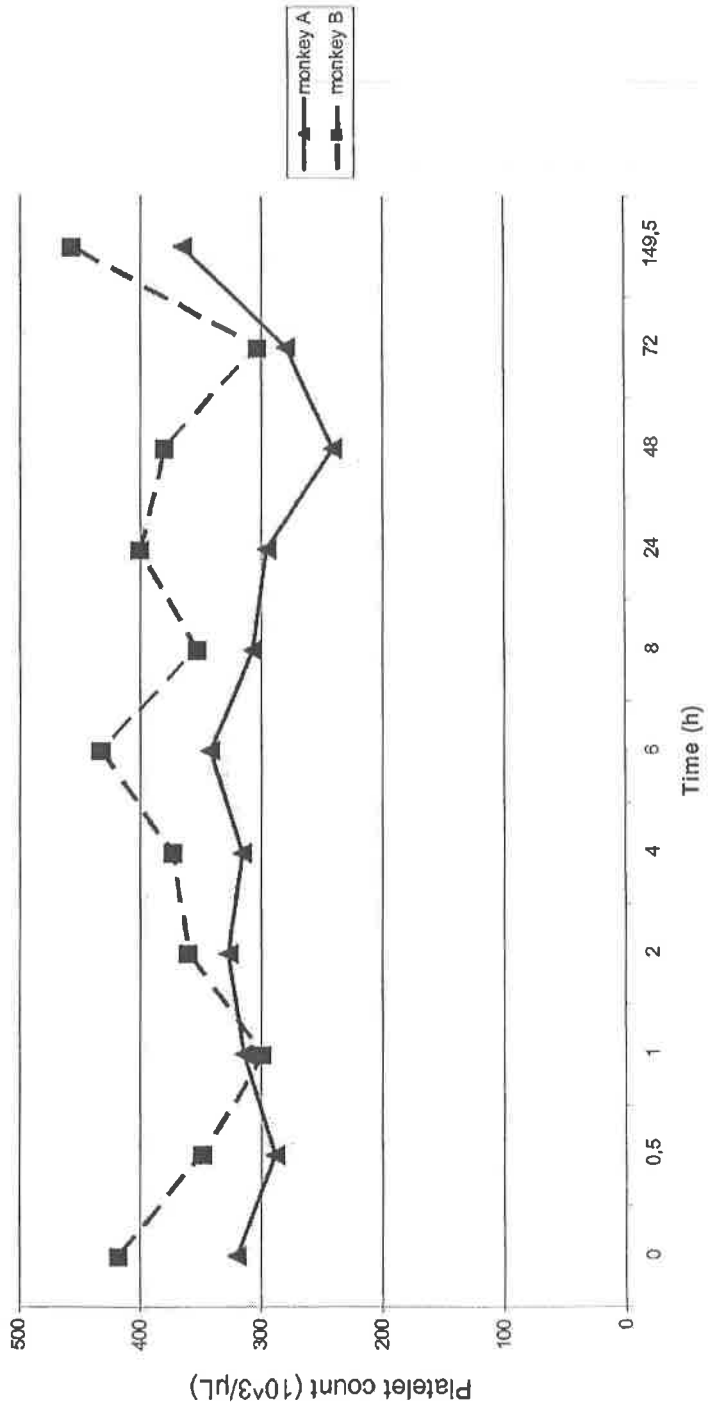

monkey A
monkey B
Platelet count (10^3/µL)
500
400
300
200
100
0
0
0,5
1
2
4
6
8
24
48
72
149,5
Time (h)

FIGURE 12B

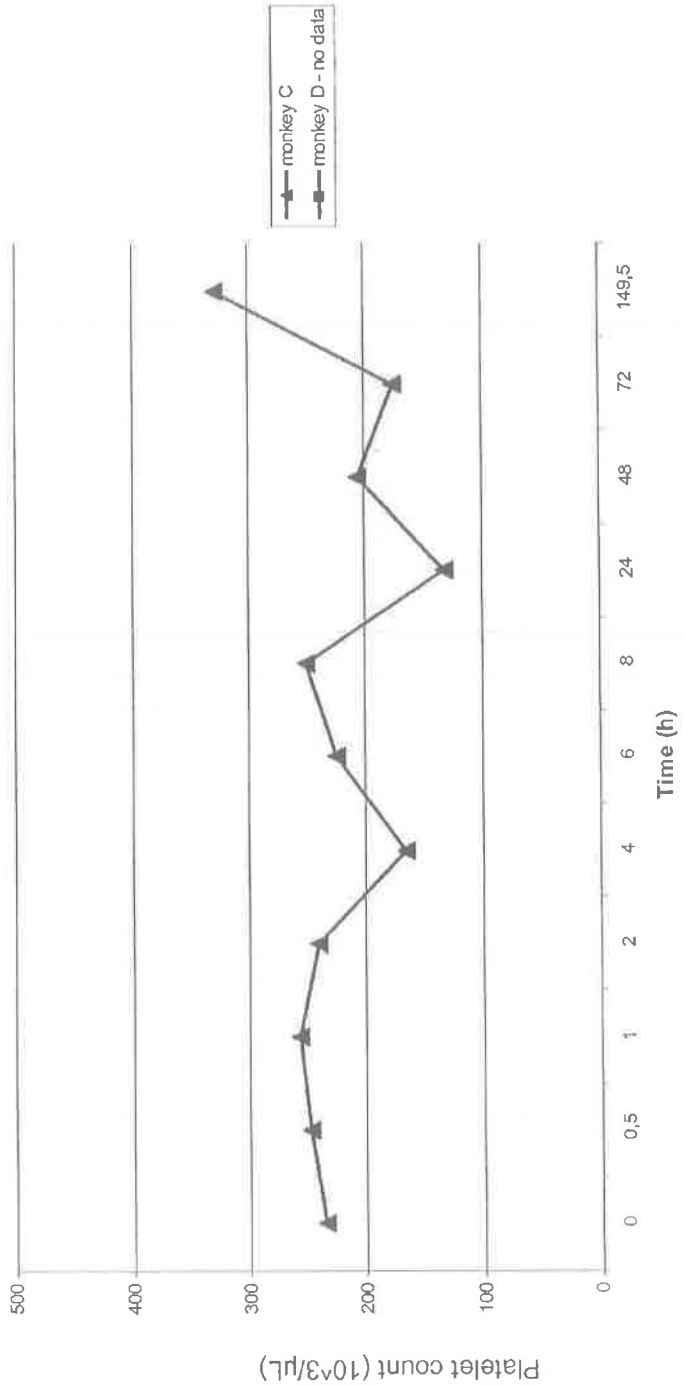

monkey C
monkey D - no data
Platelet count (10^3/µL)
500
400
300
200
100
0
0
0,5
1
2
4
6
8
24
48
72
149,5
Time (h)

FIGURE 12C

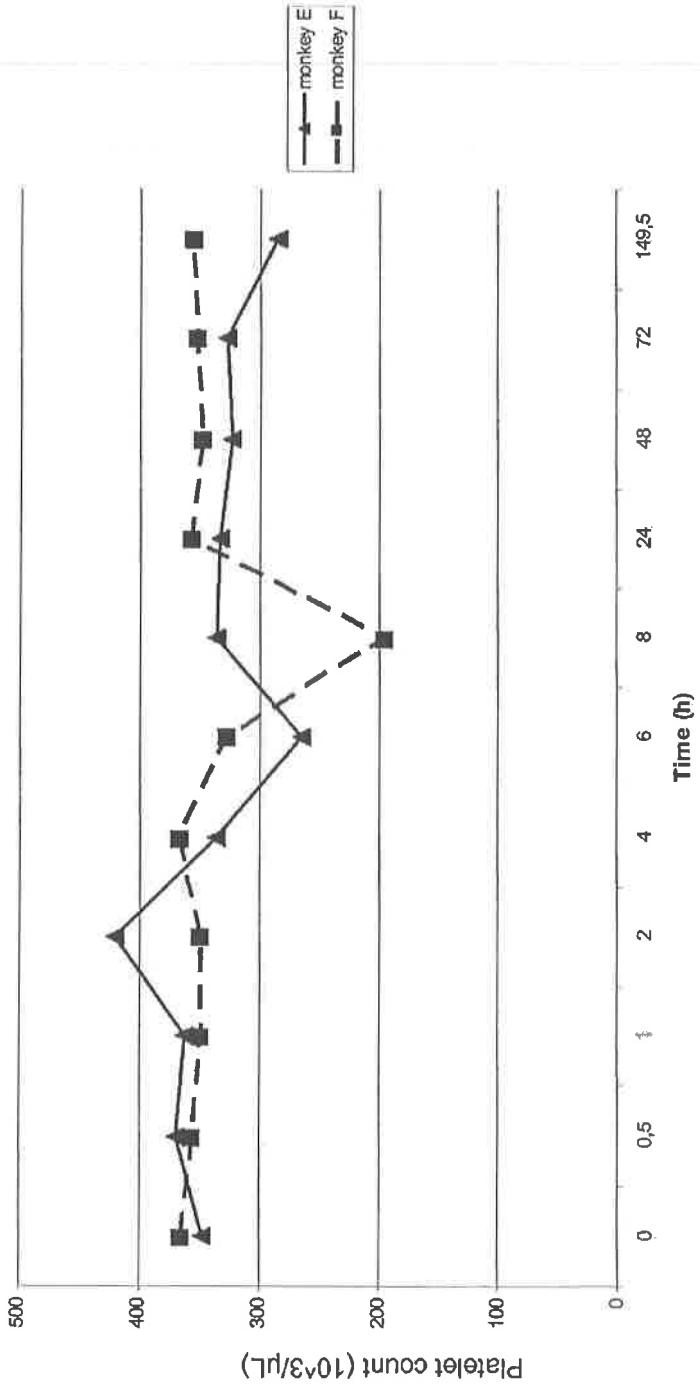

monkey E
monkey F
Platelet count (10^3/µL)
500
400
300
200
100
0
0
0,5
1
2
4
6
8
24
48
72
149,5
Time (h)

FIGURE 12D

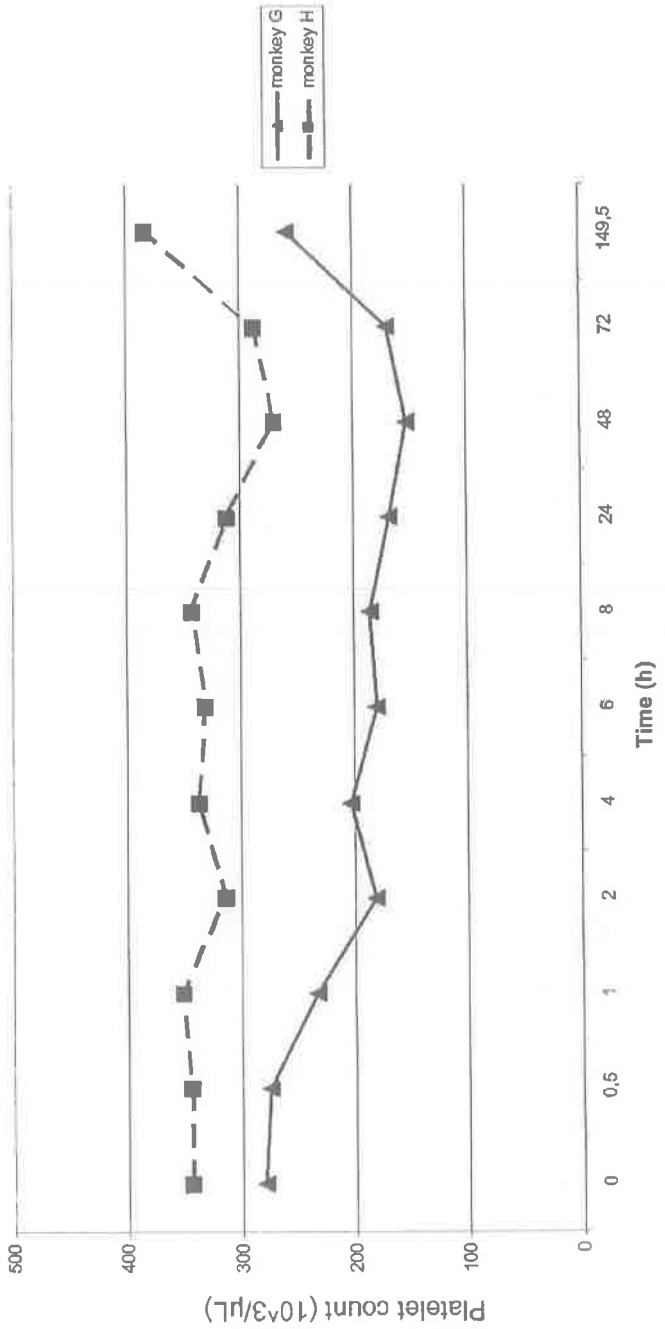

monkey G
monkey H
Platelet count (10^3/µL)
500
400
300
200
100
0
0
0,5
1
2
4
6
8
24
48
72
149,5
Time (h)

FIGURE 12E

FIGURE 13B

24hrs

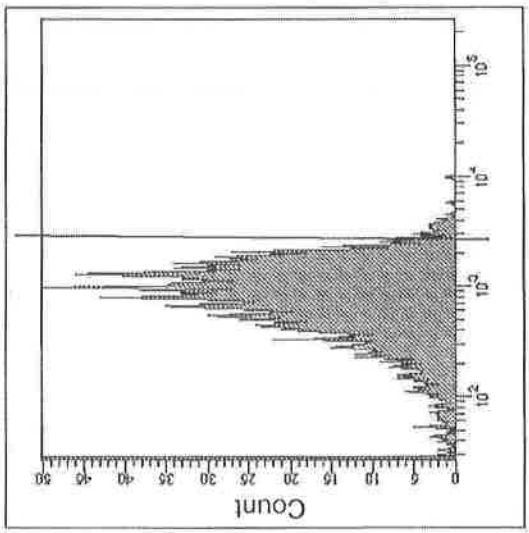
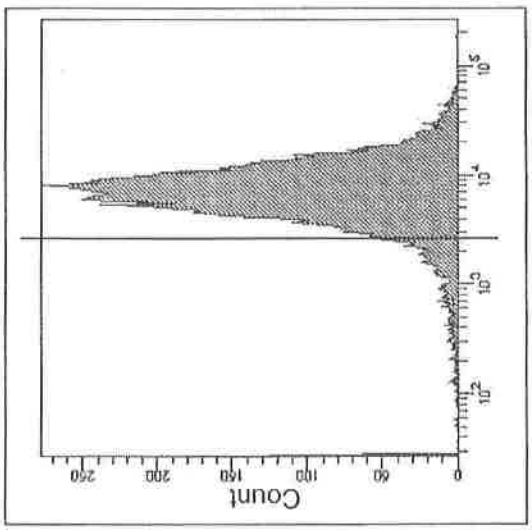


FIGURE 13A

0hrs



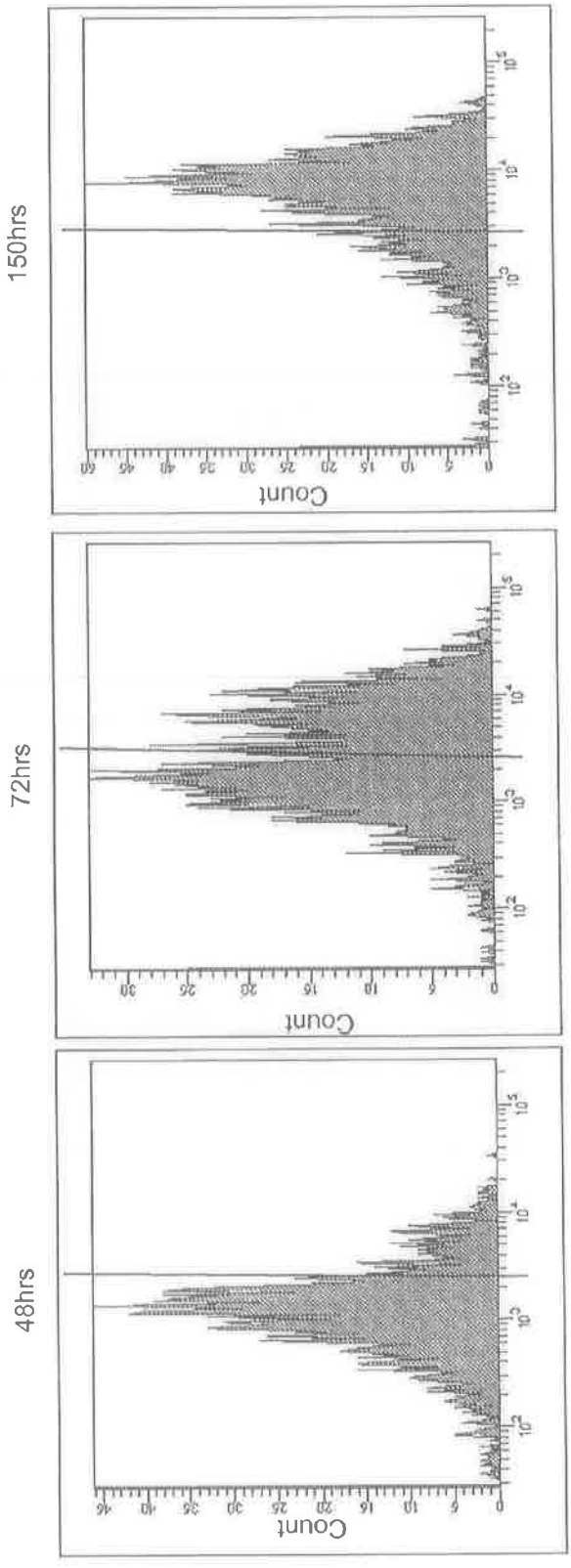


FIGURE 13C

FIGURE 13D

FIGURE 13E

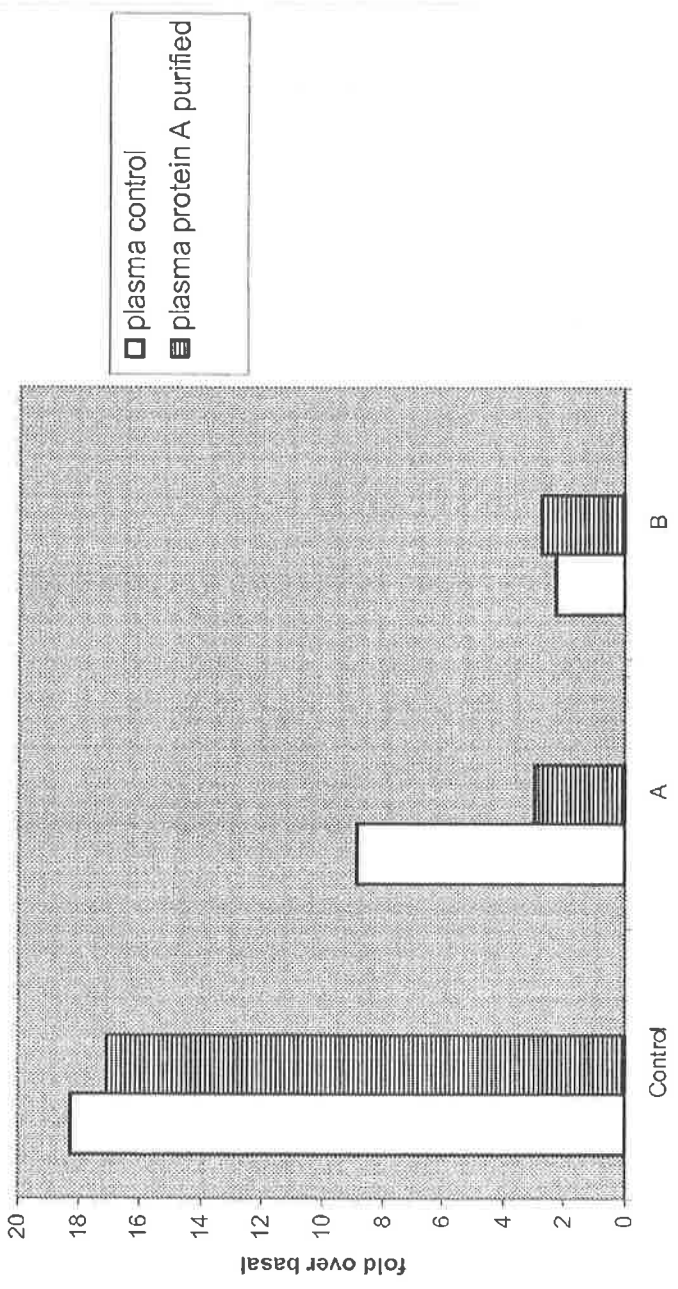

plasma control
plasma protein A purified
fold over basal
0
2
4
6
8
10
12
14
16
18
20
Control
A
B

FIGURE 14

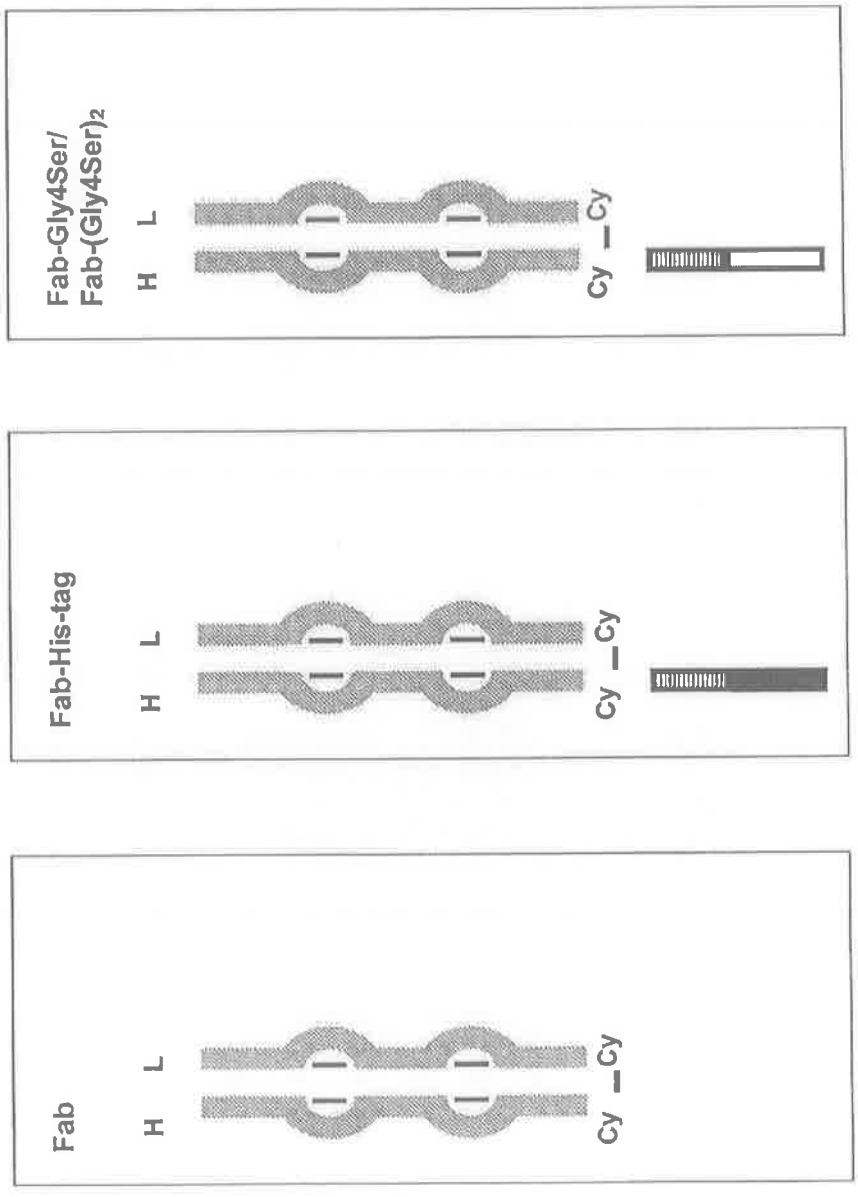

Fab
H L
Cy Cy
Fab-His-tag
H L
Cy Cy
Fab-Gly4Ser/
Fab-(Gly4Ser)2
H L
Cy Cy

FIGURE 15

FIGURE 16

1 QSG**P**LP**K**PSL QALPSSLVPL EKPVTLRCQG PPGVDLYRL**E** **KLSSSR**YQDQ
51 AVLFIPAMKR SLAG**RY**R**C**SY QNGSL**W**S**LPS** **DQ**LELVATGV FAKPSLSAQP
101 GPAVSSGGDV TLQCQTRYGF DQFALYKEGD PAPYKNPERW YRASFPIITV
151 TAAHSGTYRC YSFS**SR**DPYL WSAPSDPLEL VVTGTSVTPS RLPTEPPSSV
201 AEFSEATAEL TVSFTNKVFT TETSRSITTS PKESDSPAGP ARQYYTKGNL
251 VRICLGAVIL IILAGFLAED WHSRRKRLRH RGRAVQRPLP PLPPLPQTRK
301 SHGGQDGGRQ DVHSRGLCS