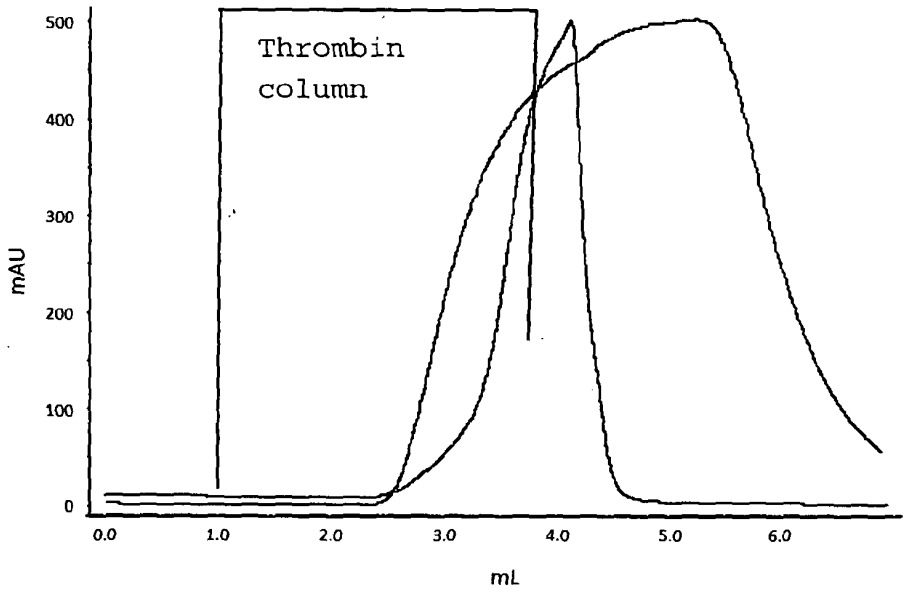
A


Thrombin
column
500
400
300
200
100
0
mAU
0.0
1.0
2.0
3.0
4.0
5.0
6.0
mL

B


Total IgA
Flow-through
Eluate

Figure 1

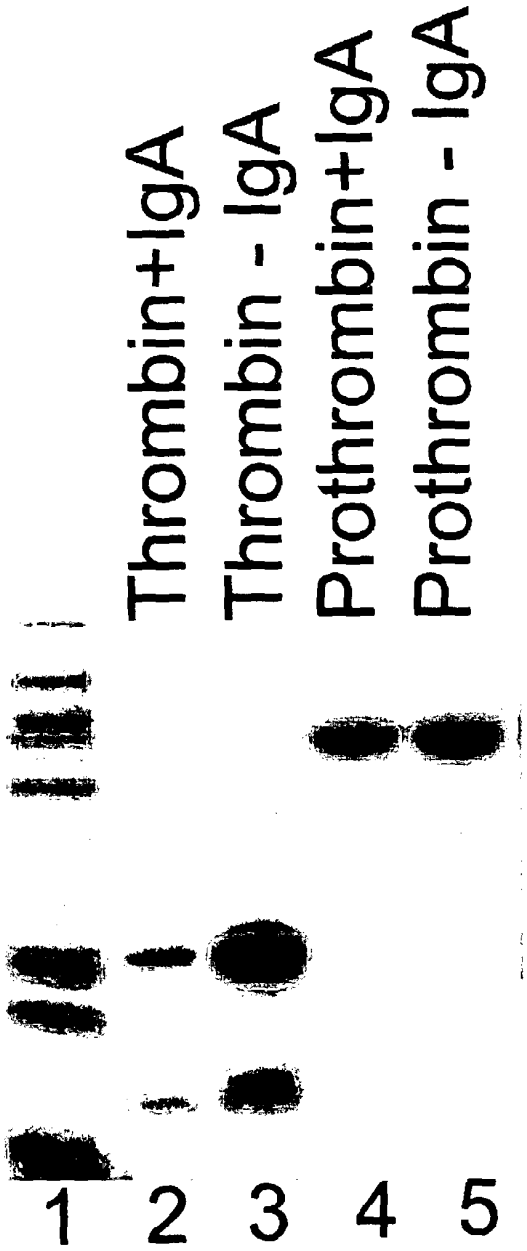

Thrombin+IgA
Thrombin - IgA
Prothrombin+IgA
Prothrombin - IgA
1
2
3
4
5

Figure 2

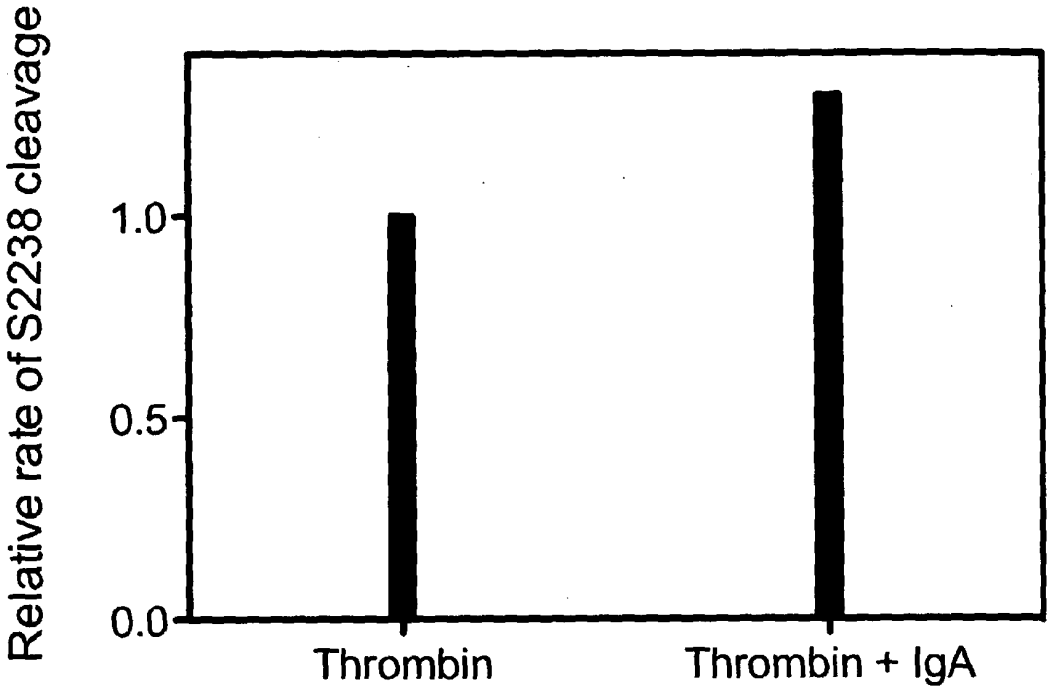

Relative rate of S2238 cleavage
1.0
0.5
0.0
Thrombin
Thrombin + IgA

Figure 3

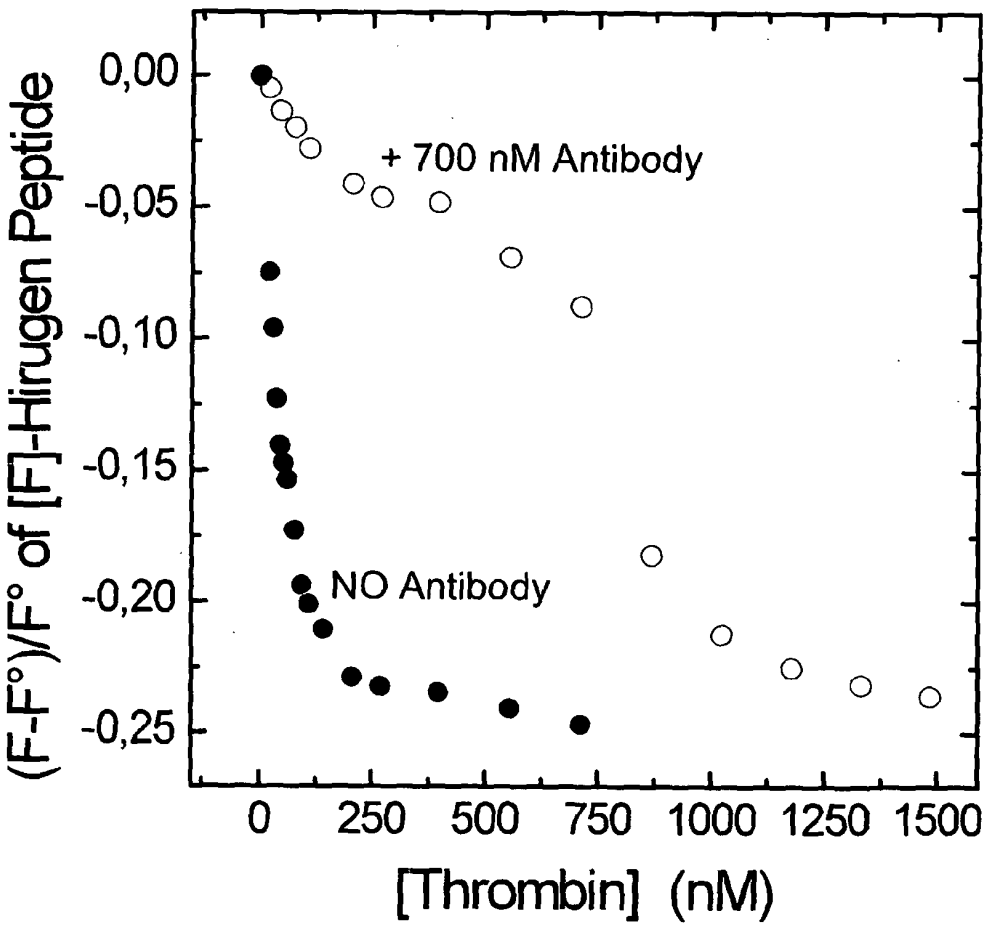

0,00
-0,05
-0,10
-0,15
-0,20
-0,25
(F-F°)/F° of [F]-Hirugen Peptide
+ 700 nM Antibody
NO Antibody
0
250
500
750
1000
1250
1500
[Thrombin] (nM)

Figure 4

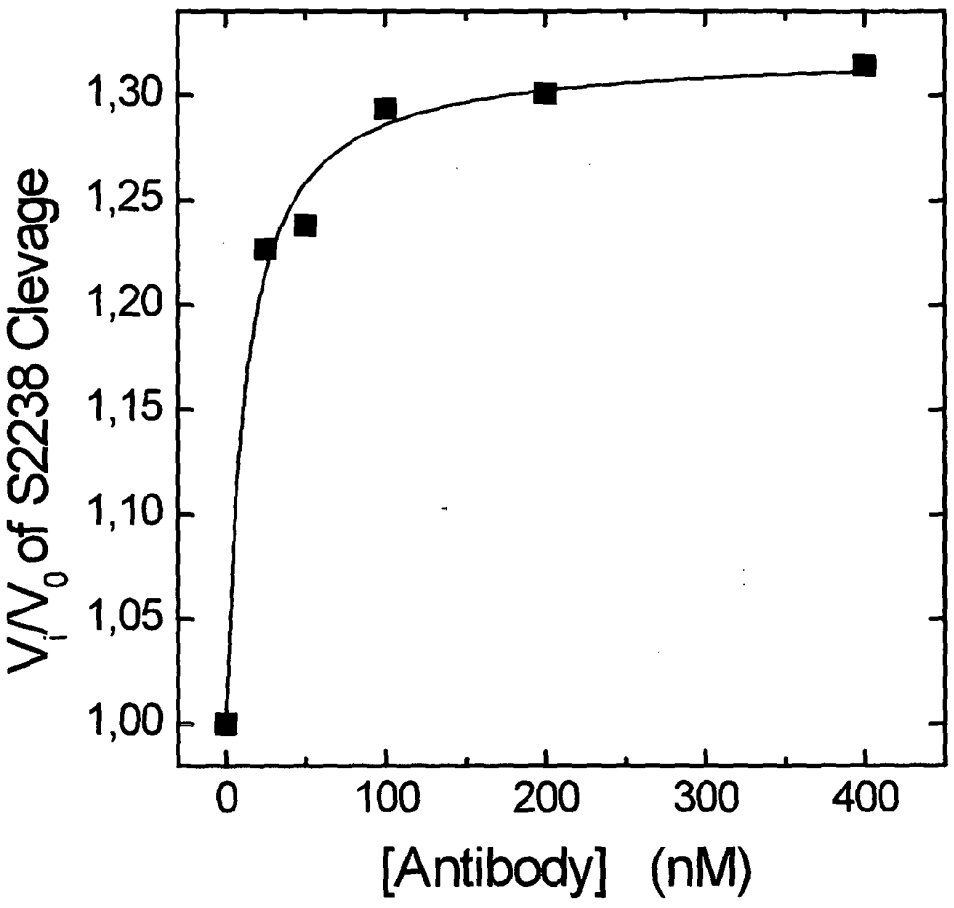

1,30
1,25
1,20
1,15
1,10
1,05
1,00
V/V0 of S2238 Clevage
0
100
200
300
400
[Antibody] (nM)

Figure 5

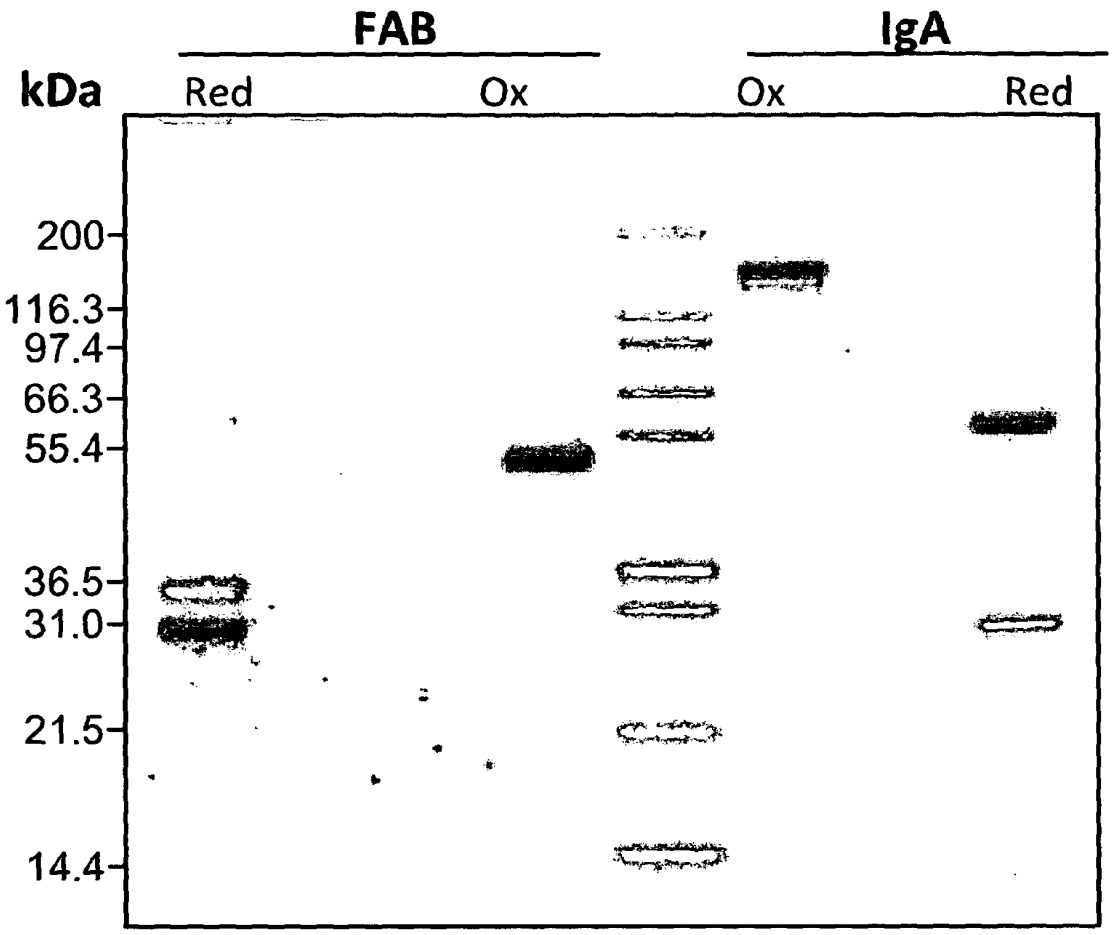


Figure 6

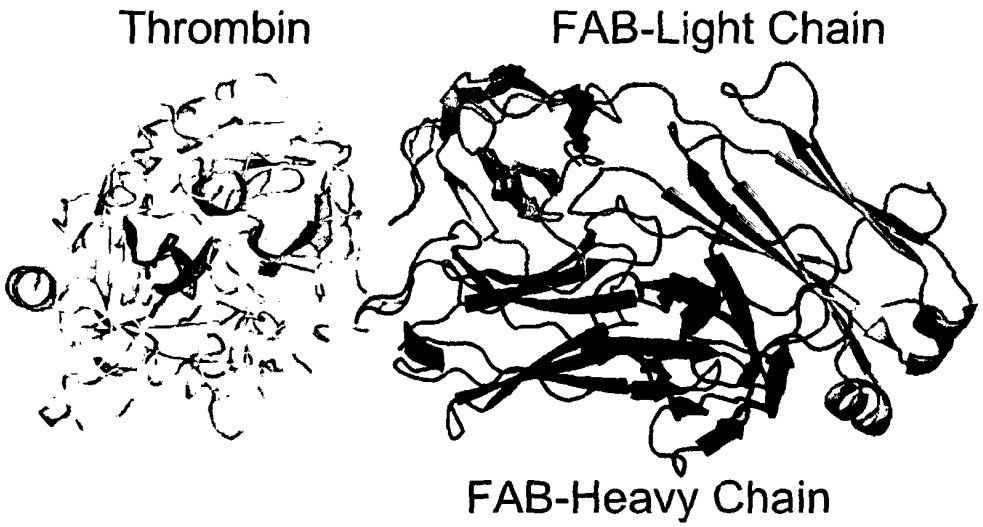


Figure 7

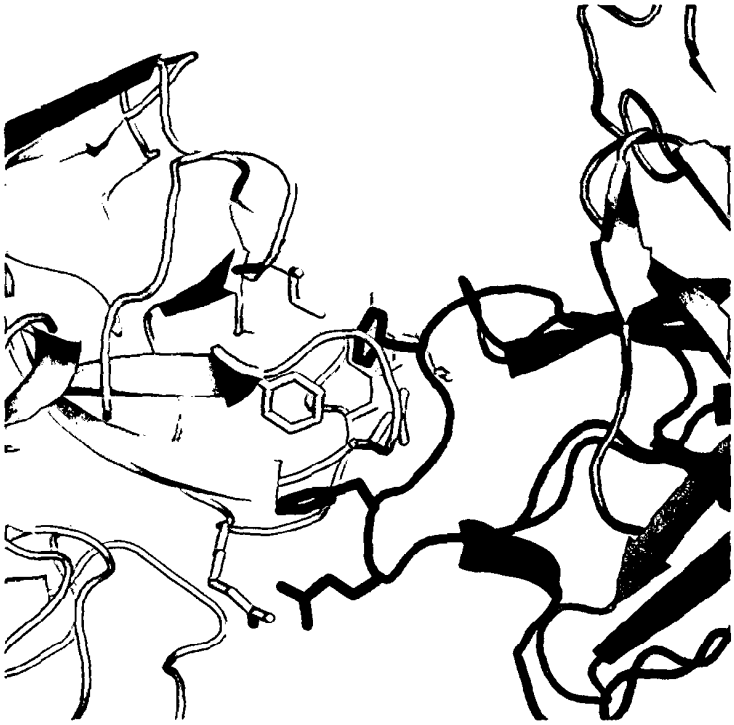


Figure 8

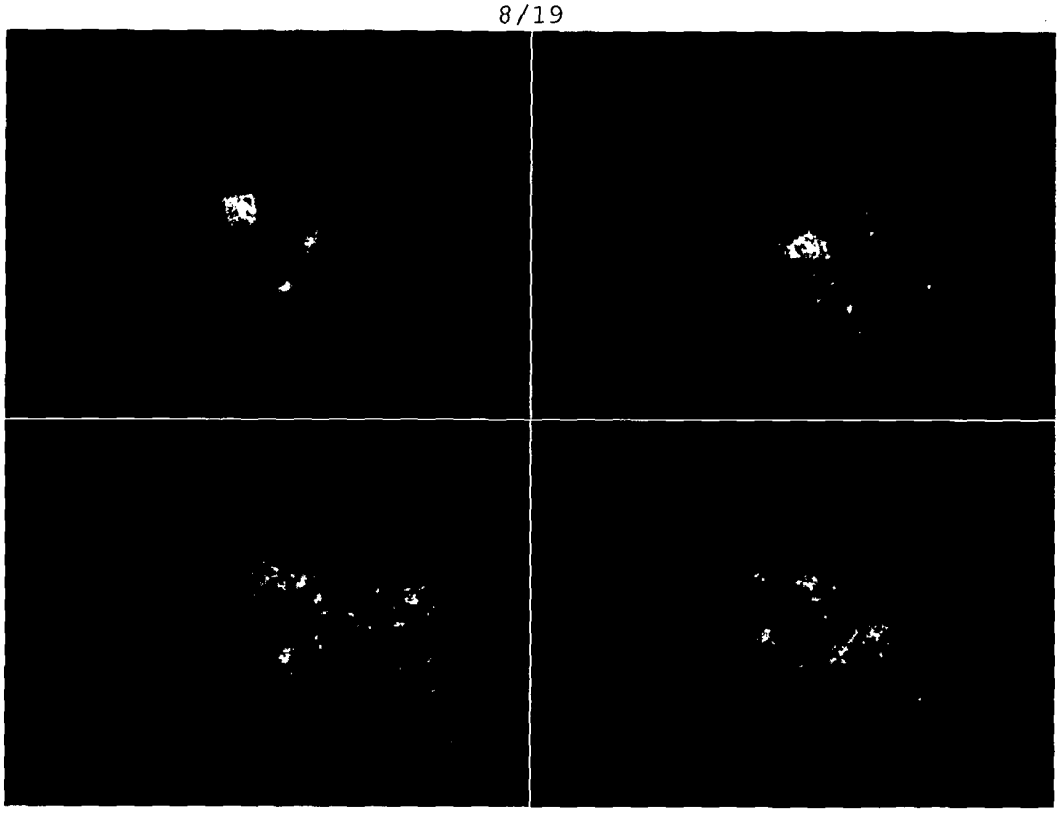


Figure 9

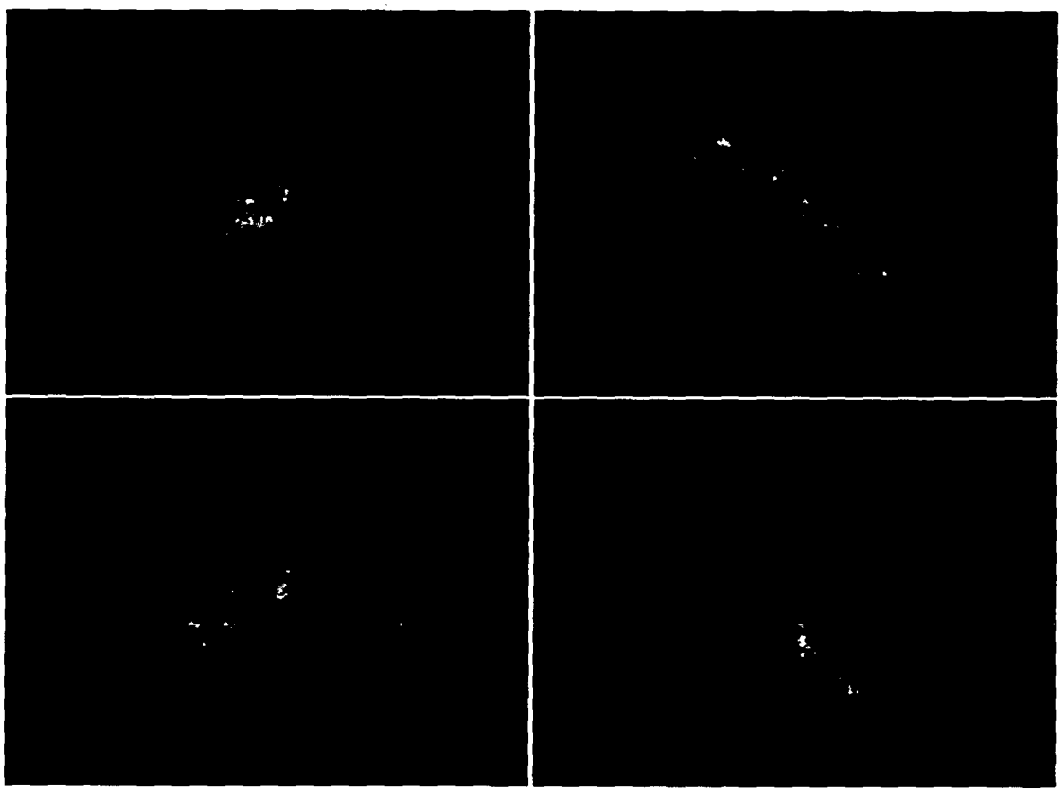


Figure 10

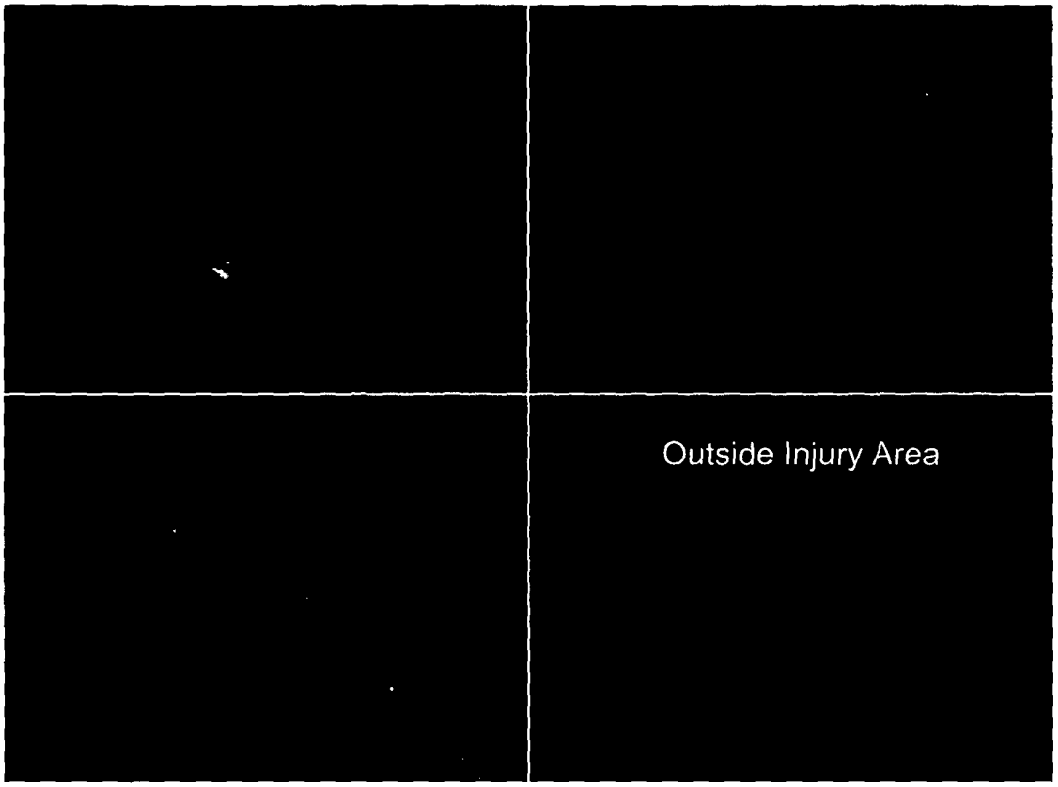


Figure 11

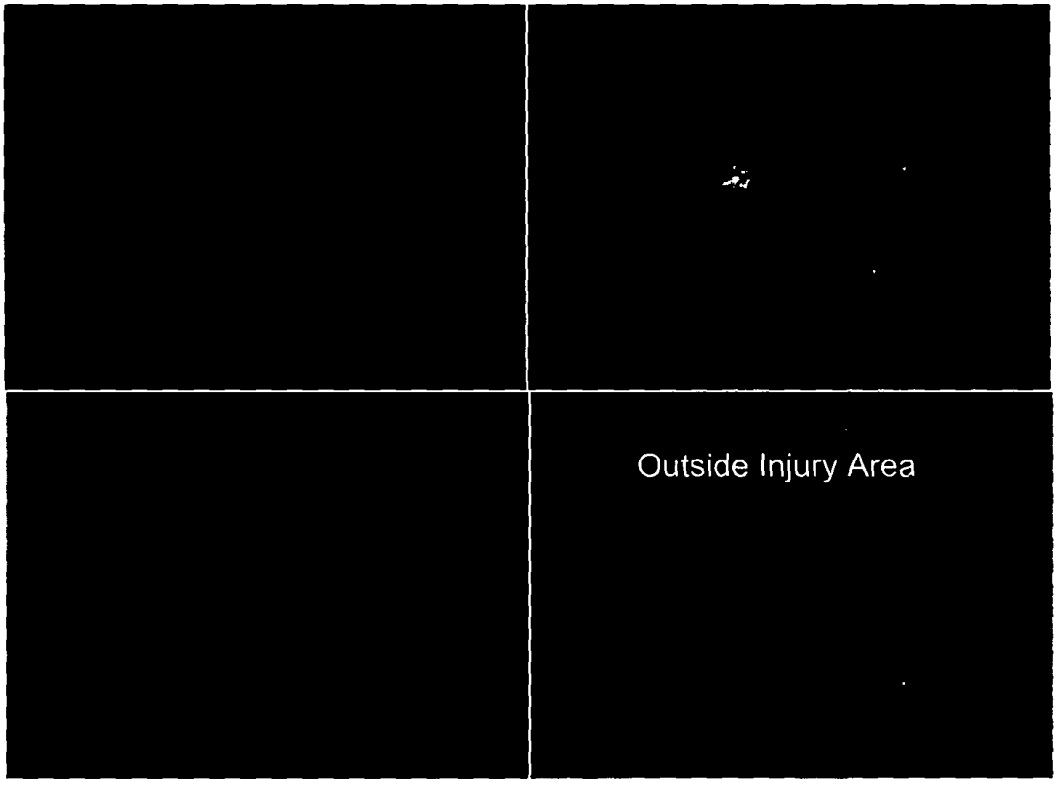


Figure 12

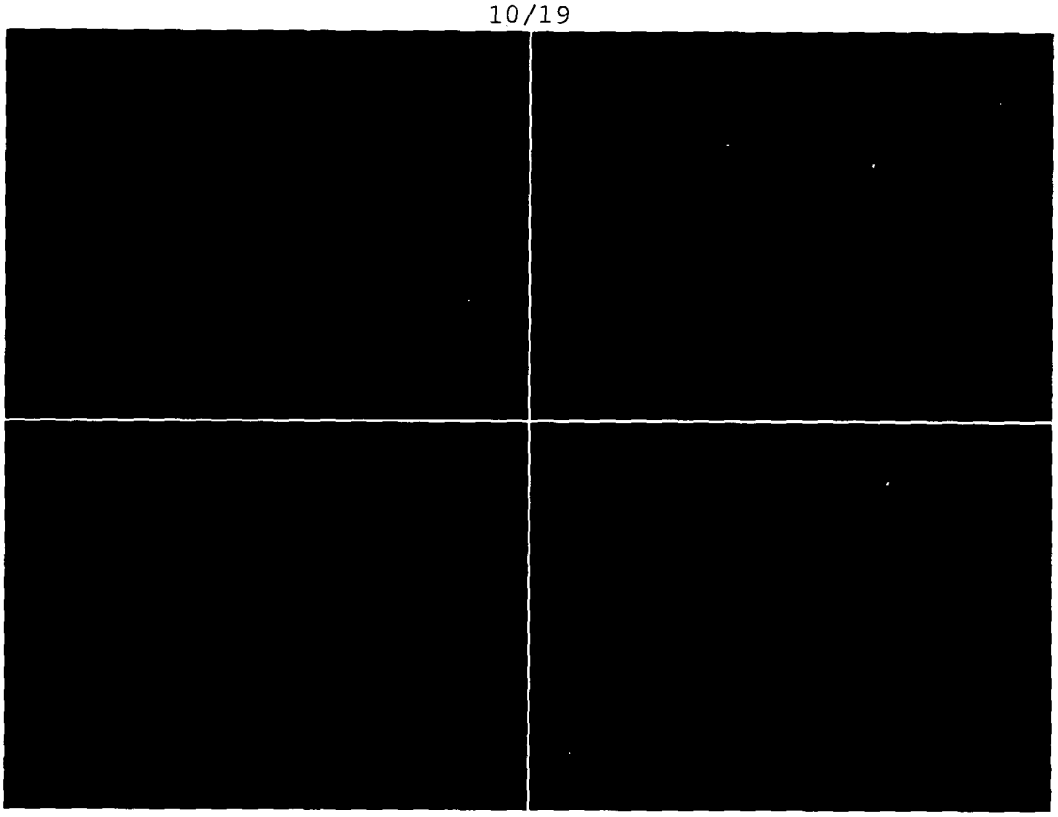


Figure 13

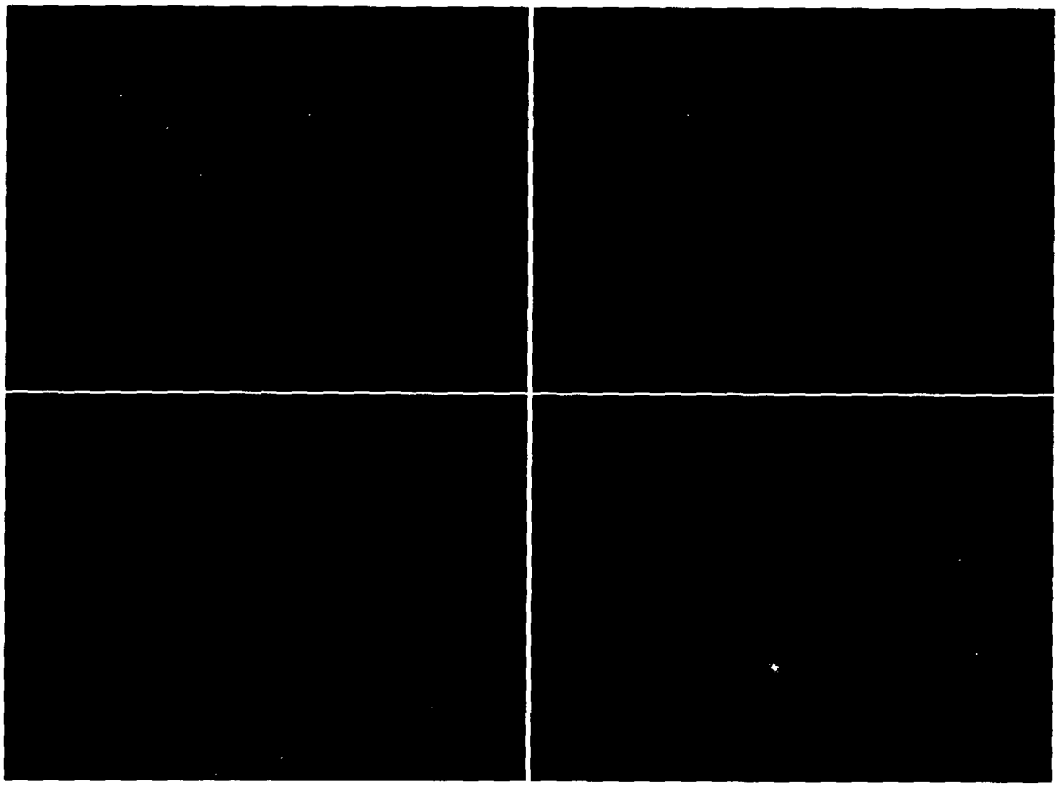


Figure 14

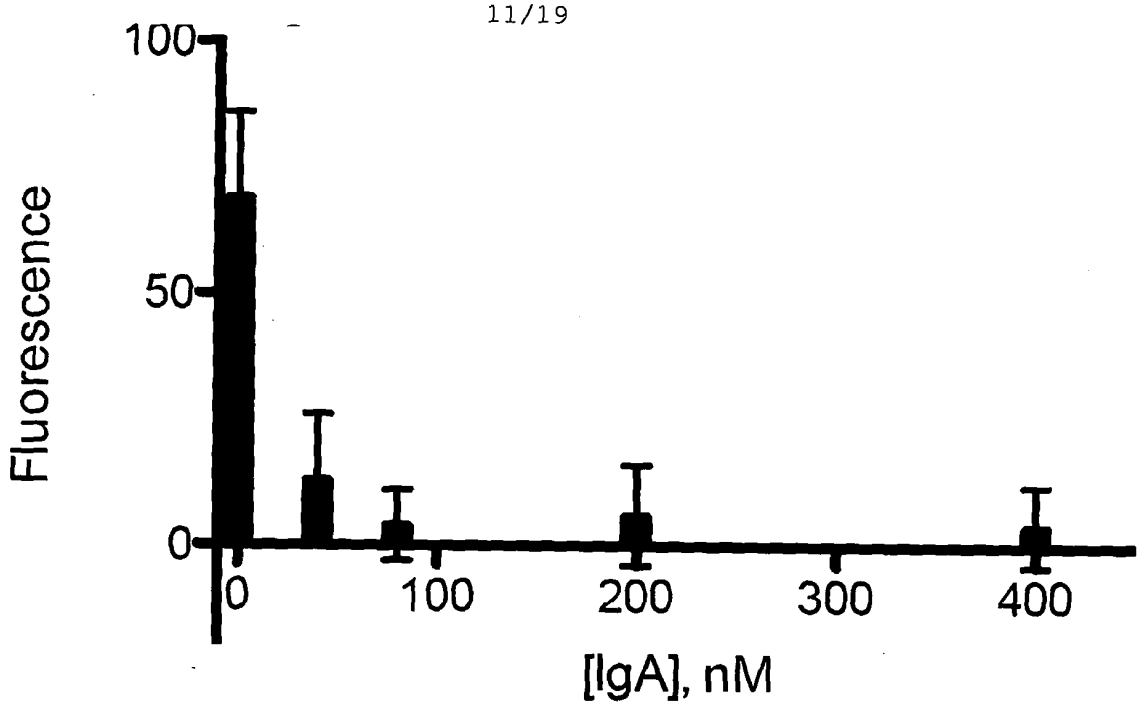


Figure 15

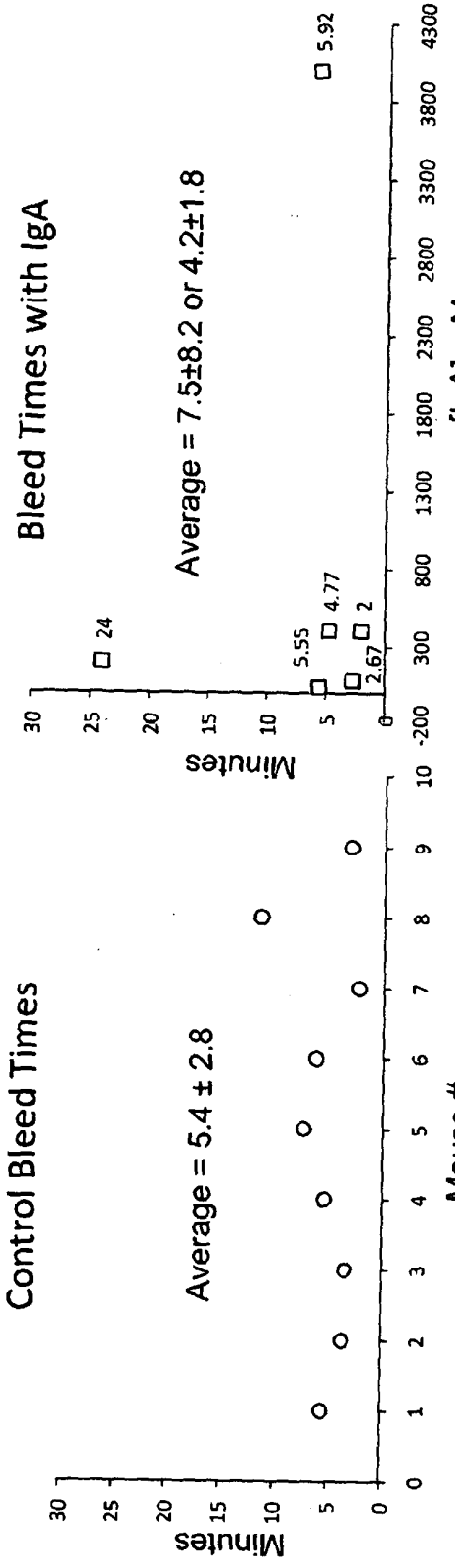

Control Bleed Times
Average = 5.4 ± 2.8
Minutes
Mouse #
Bleed Times with IgA
Average = 7.5±8.2 or 4.2±1.8
Minutes
[IgA], nM
24
5.55
4.77
2
2.67
5.92

Figure 16

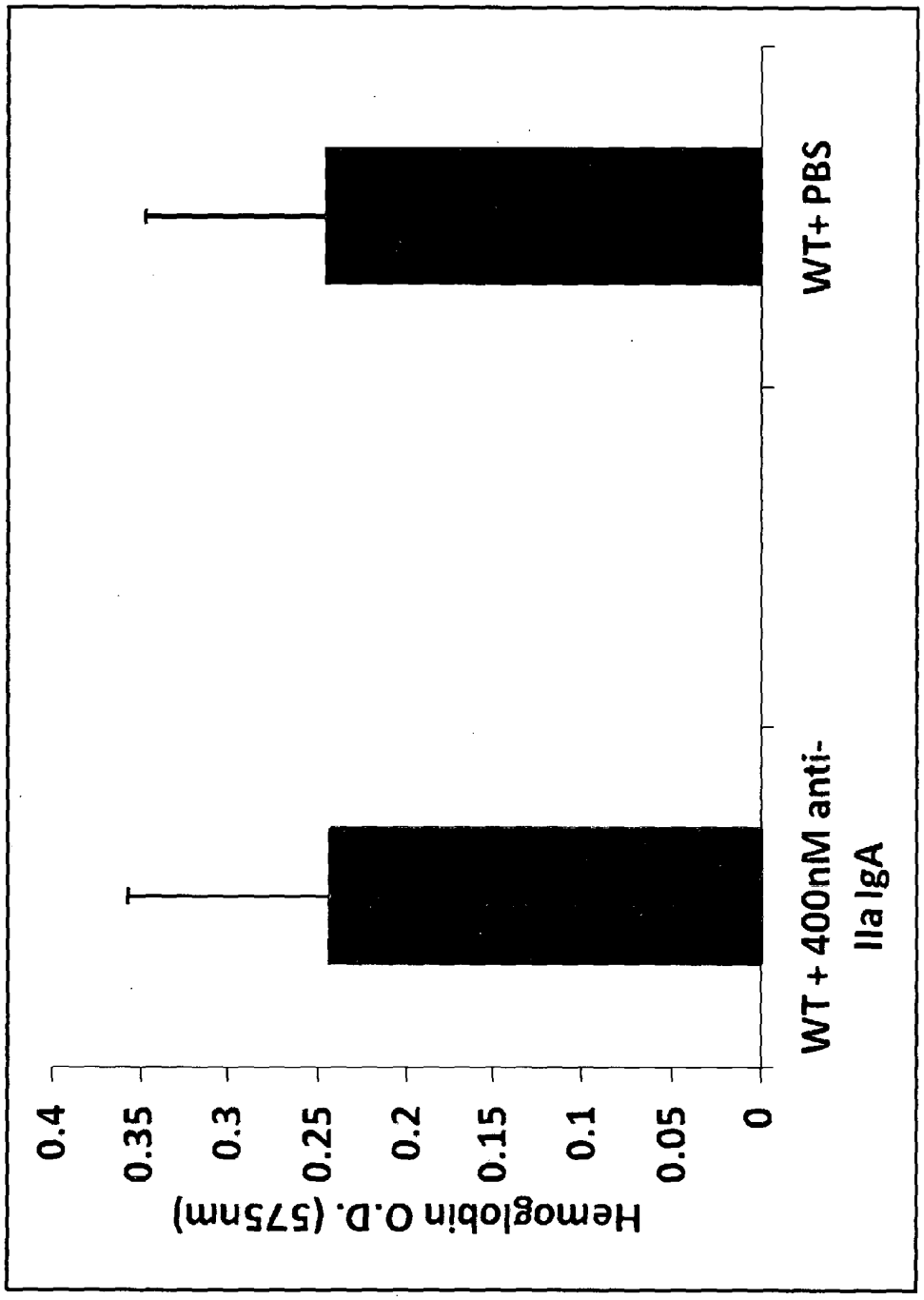

Hemoglobin O.D. (575nm)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
WT + 400nM anti-IIa IgA
WT+ PBS

Figure 17

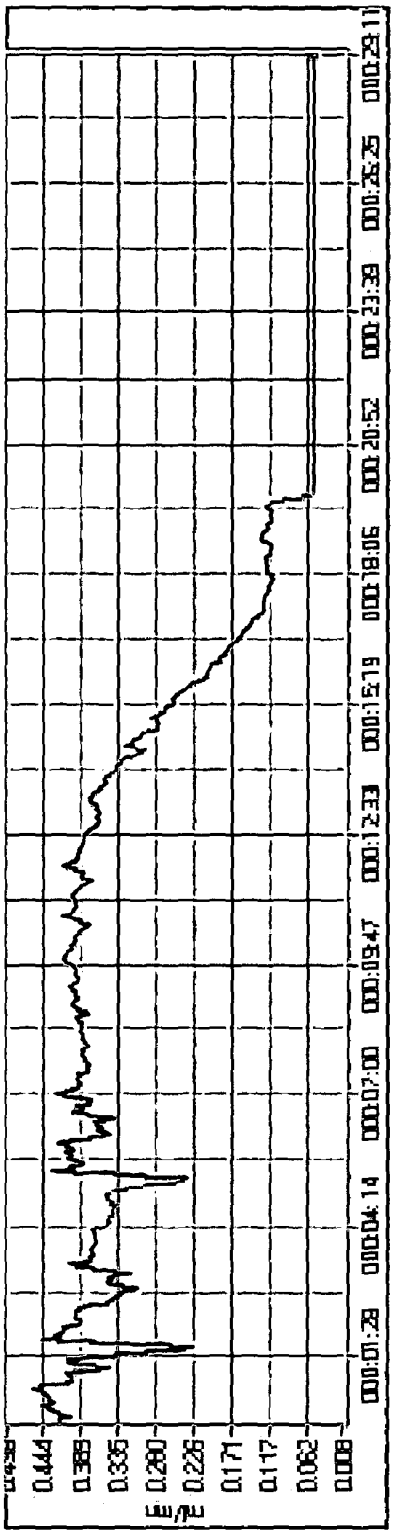


Figure 18A

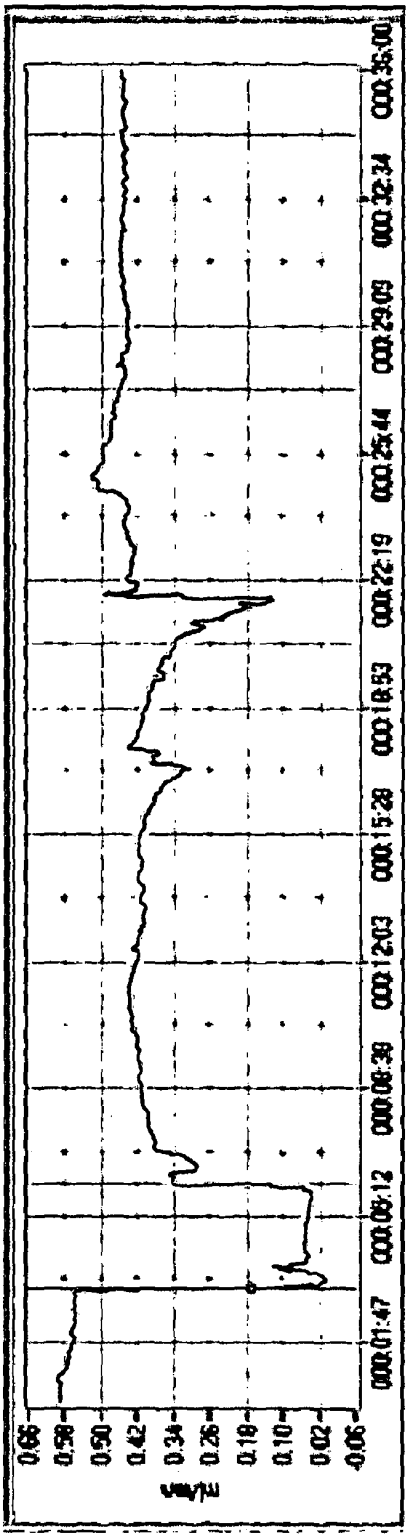


Figure 18B

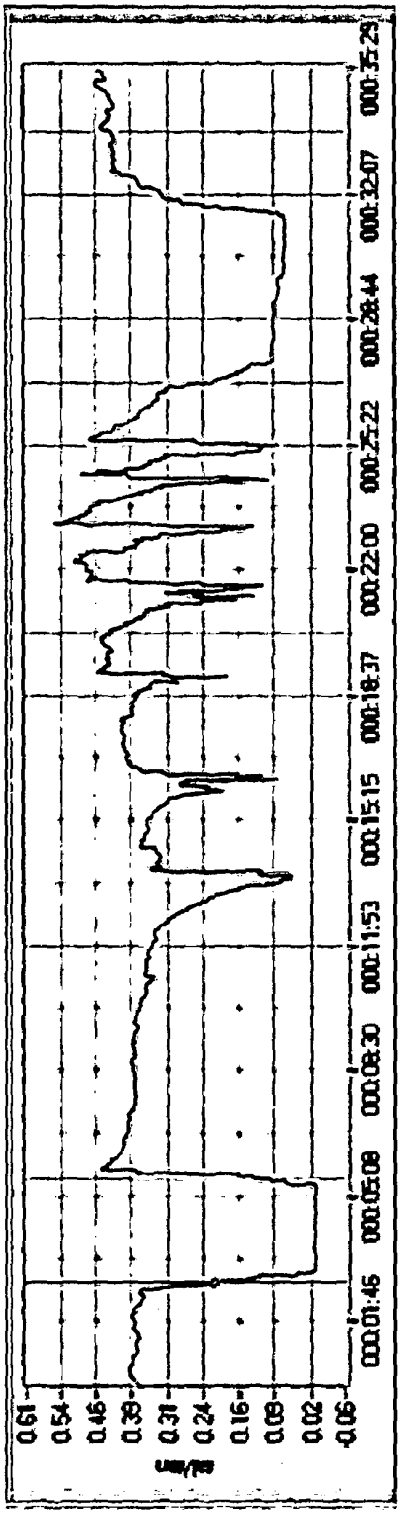


Figure 18C

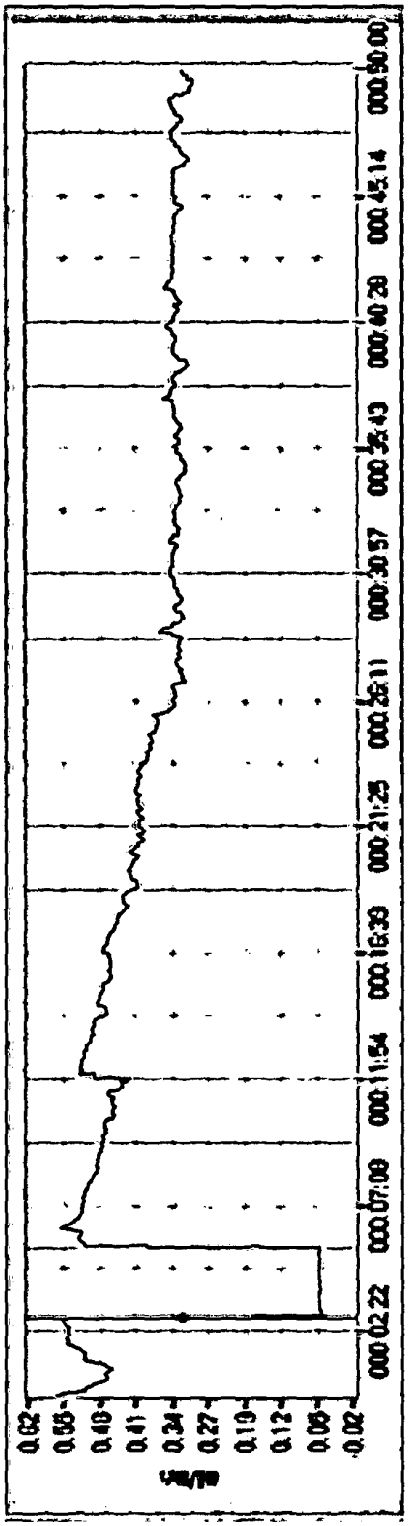


Figure 18D

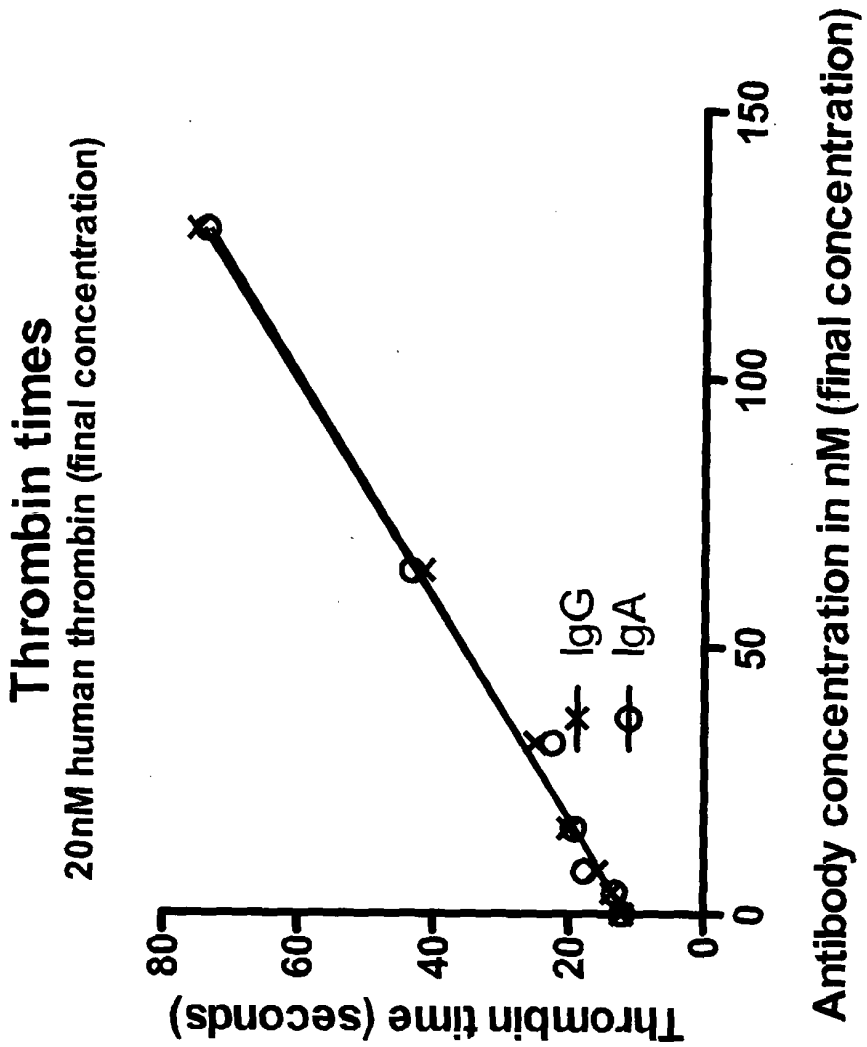

Thrombin times
20nM human thrombin (final concentration)
Thrombin time (seconds)
80
60
40
20
0
0
50
100
150
Antibody concentration in nM (final concentration)
IgG
IgA

Figure 19

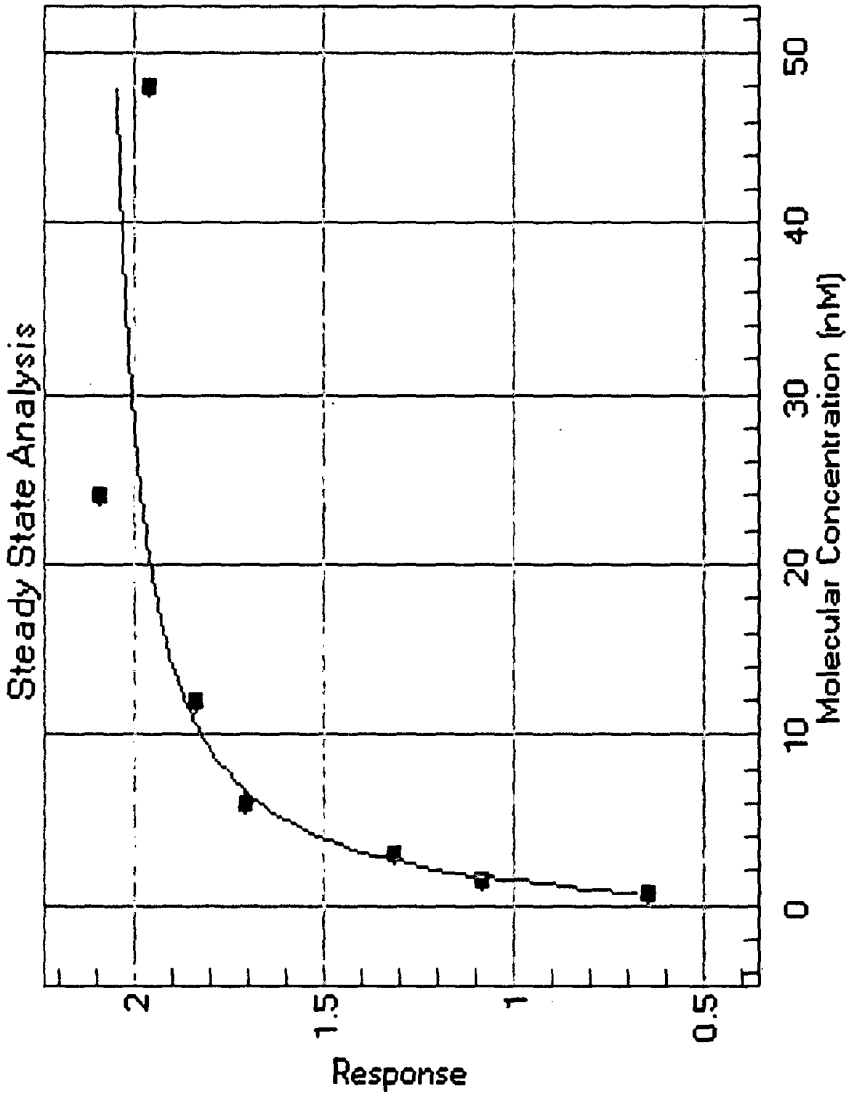

Steady State Analysis
Response
2
1.5
1
0.5
0
10
20
30
40
50
Molecular Concentration (nM)

Figure 20

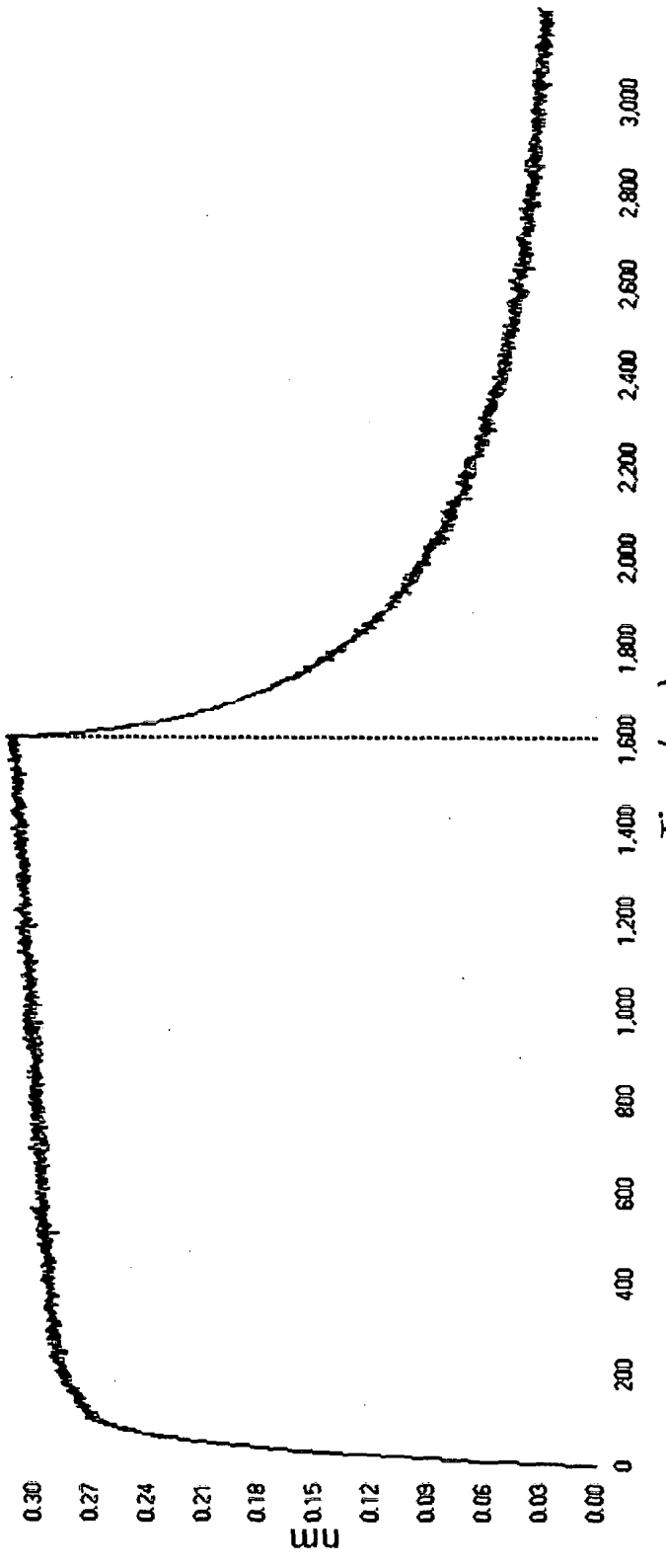

0.30
0.27
0.24
0.21
0.18
0.15
0.12
0.09
0.06
0.03
0.00
nm
0
200
400
600
800
1,000
1,200
1,400
1,600
1,800
2,000
2,200
2,400
2,600
2,800
3,000
Time (sec)

Figure 21

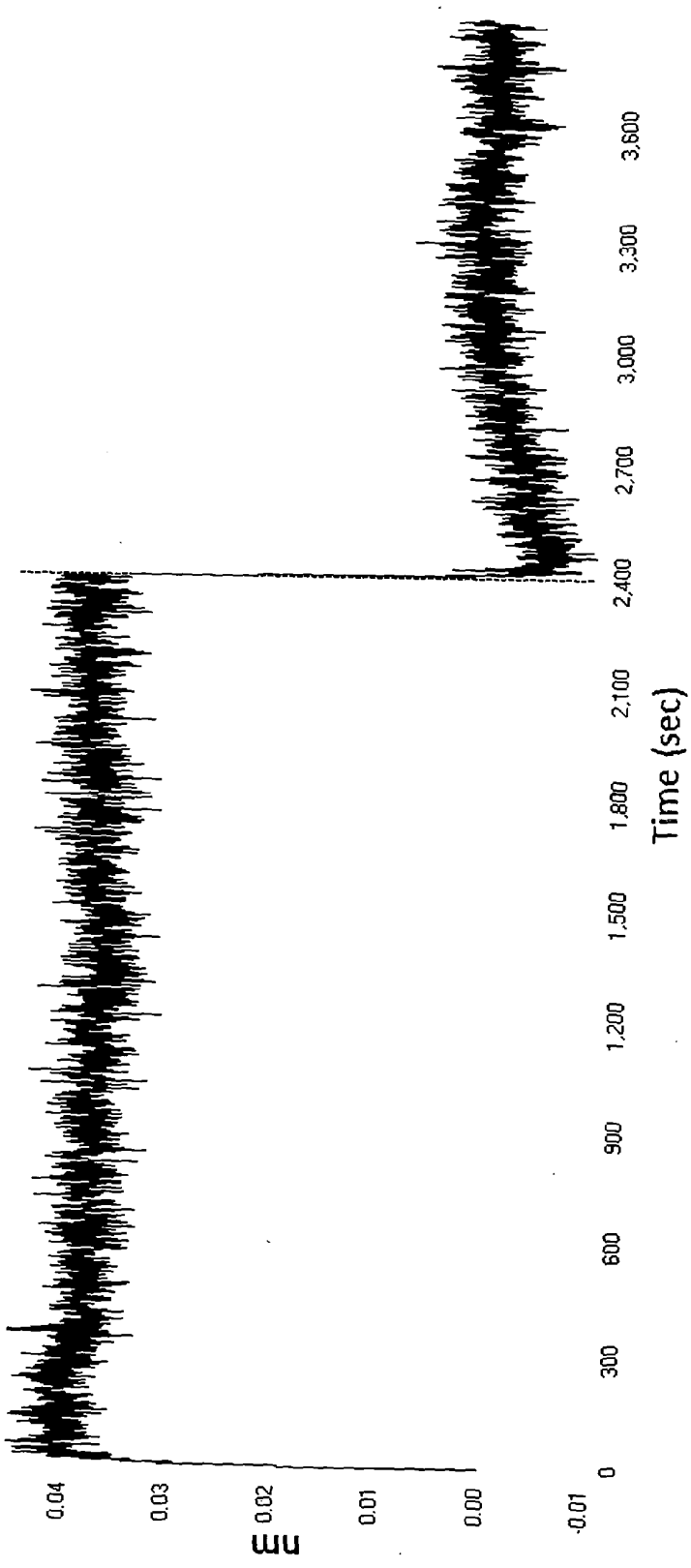

0.04
0.03
0.02
0.01
0.00
nm
-0.01
0
300
600
900
1,200
1,500
1,800
2,100
2,400
2,700
3,000
3,300
3,600
Time (sec)

Figure 22