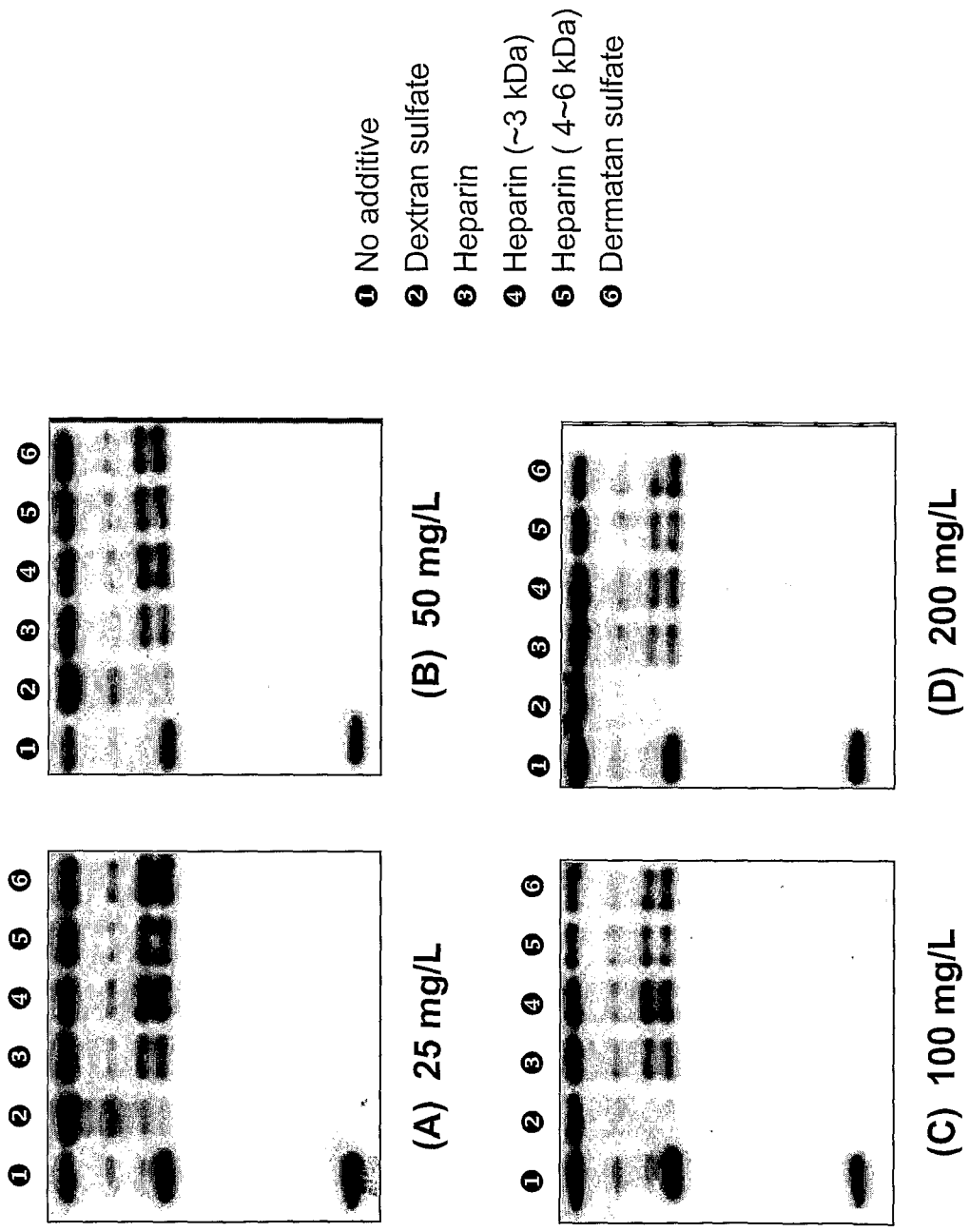

❶ No additive
❷ Dextran sulfate
❸ Heparin
❹ Heparin (~3 kDa)
❺ Heparin (4~6 kDa)
❻ Dermatan sulfate
❶ ❷ ❸ ❹ ❺ ❻
(A) 25 mg/L
(B) 50 mg/L
(C) 100 mg/L
(D) 200 mg/L

Figure 1.

Figure 2.

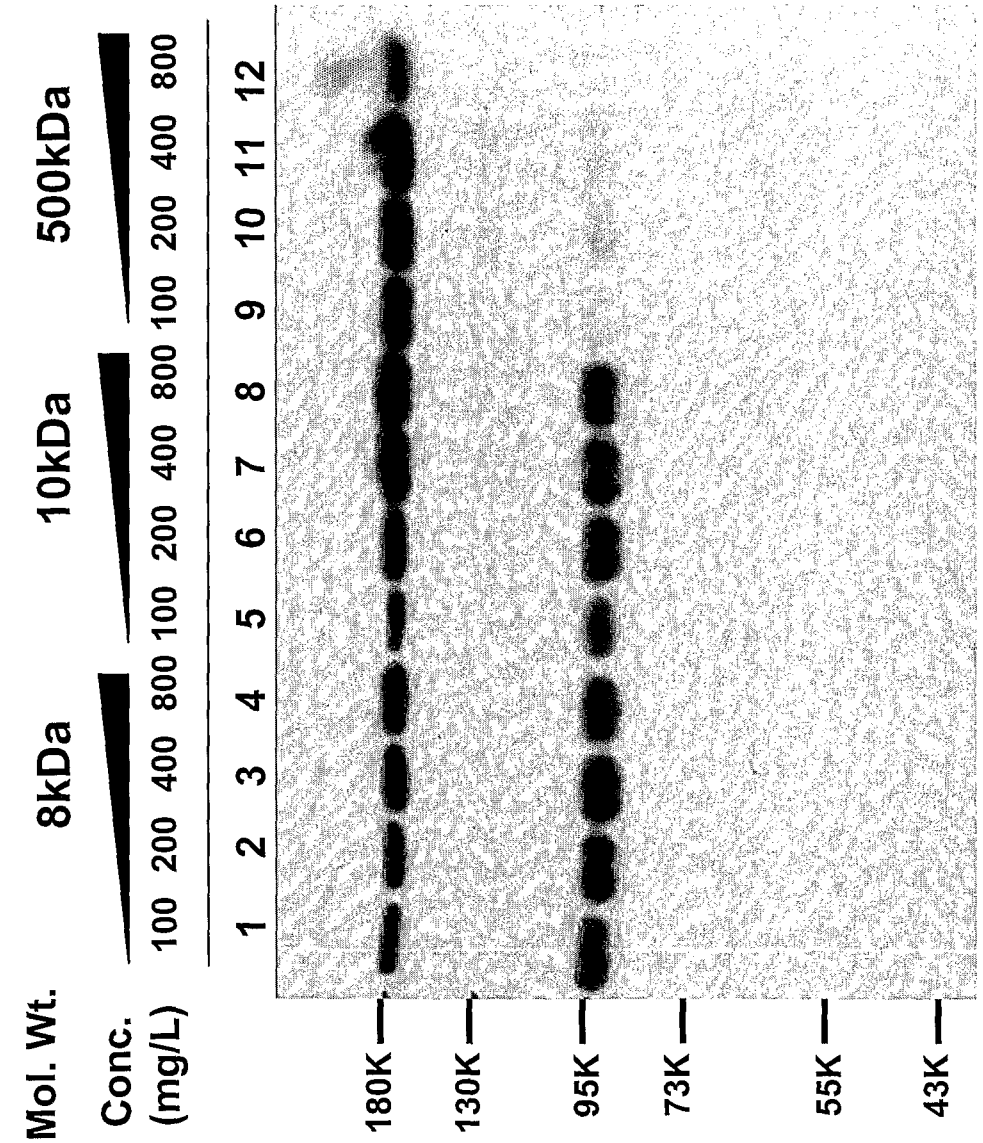
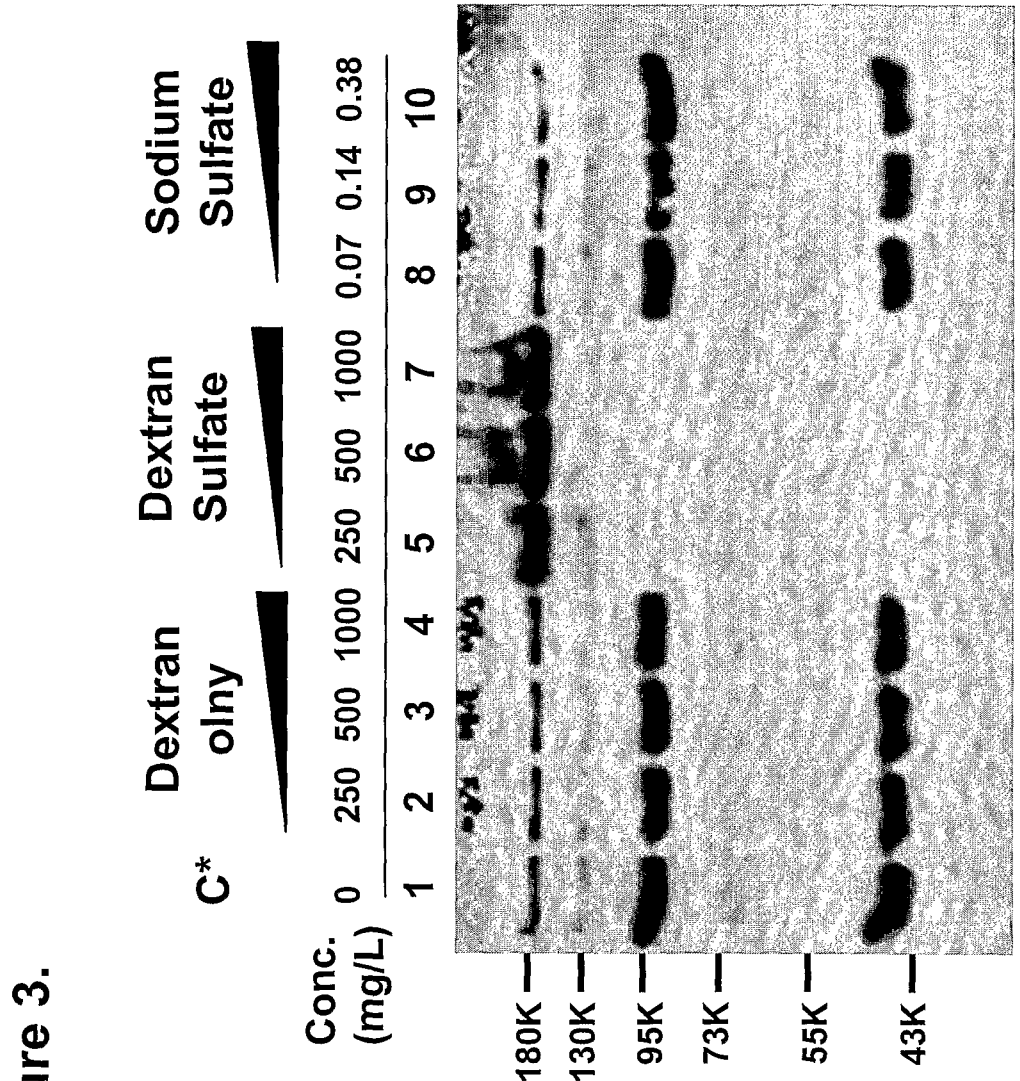

Mol. Wt.
8kDa
10kDa
500kDa
Conc. (mg/L)
100 200 400 800 100 200 400 800 100 200 400 800
1 2 3 4 5 6 7 8 9 10 11 12
180K
130K
95K
73K
55K
43K

Figure 3.


C*
Dextran olny
Dextran Sulfate
Sodium Sulfate
Conc. (mg/L)
0 250 500 1000 250 500 1000 0.07 0.14 0.38
1 2 3 4 5 6 7 8 9 10
180K
130K
95K
73K
55K
43K

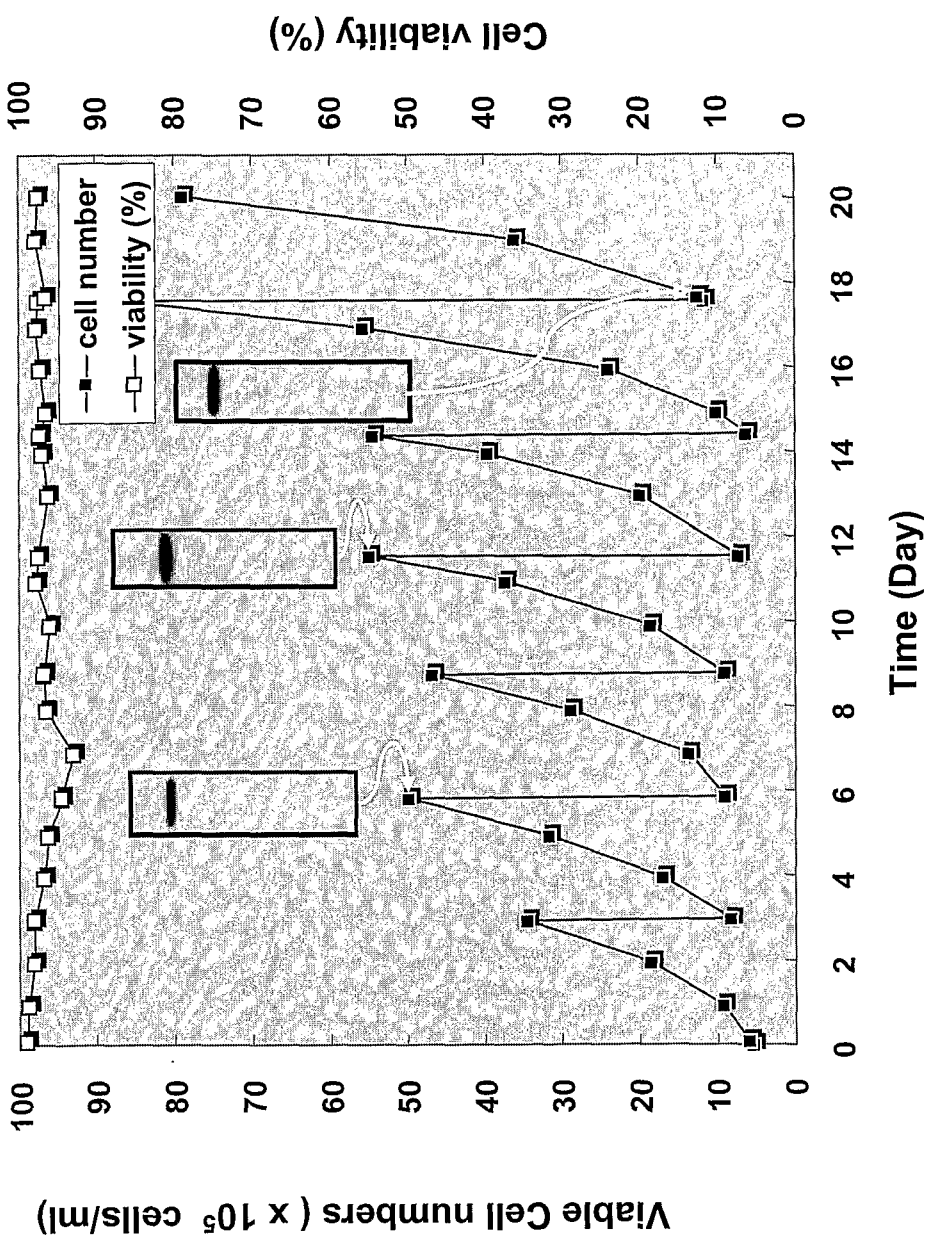

Viable Cell numbers (x 10⁵ cells/ml)
Cell viability (%)
Time (Day)
cell number
viability (%)
0
10
20
30
40
50
60
70
80
90
100
0
2
4
6
8
10
12
14
16
18
20

Figure 4.

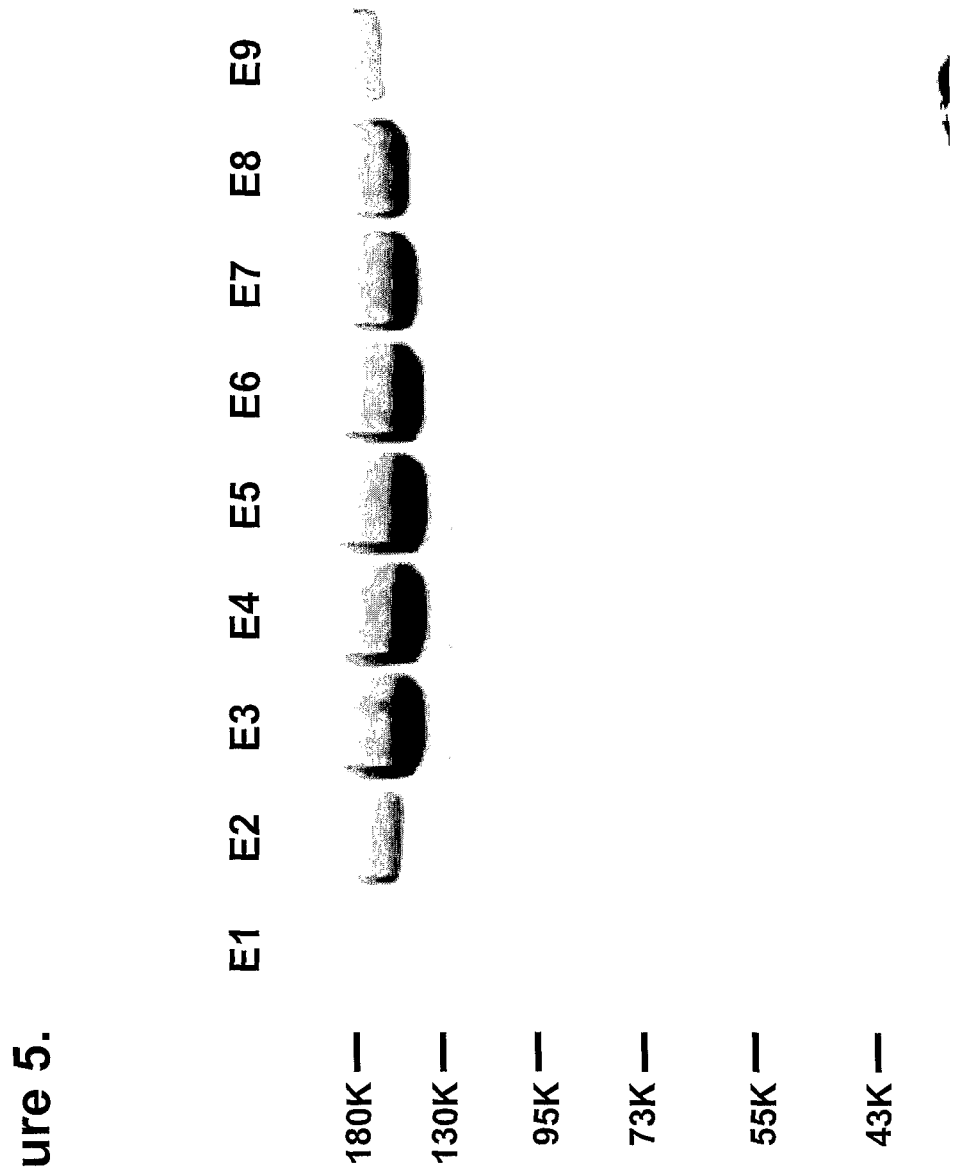


Figure 5.