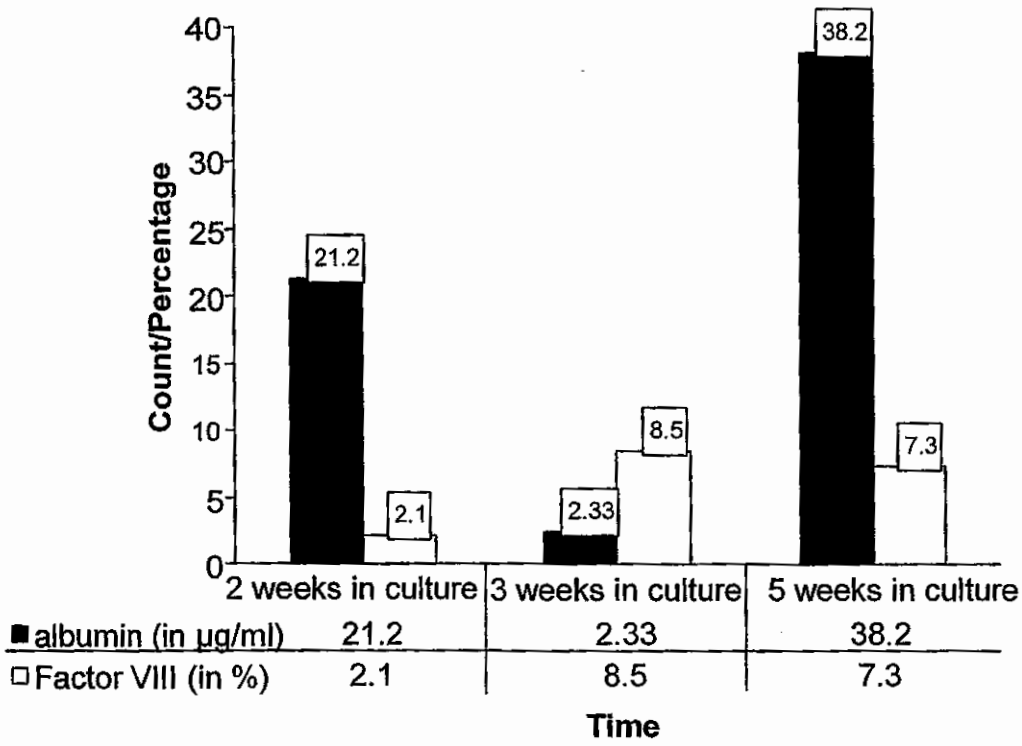
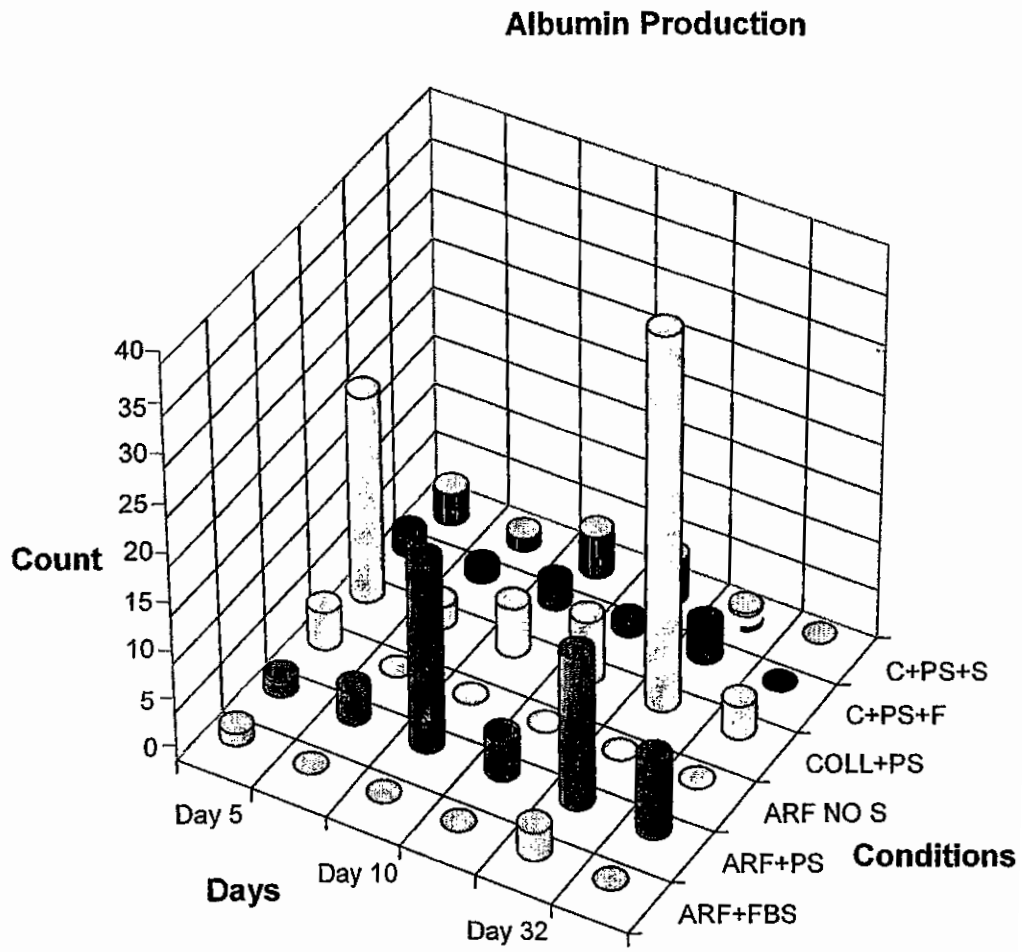
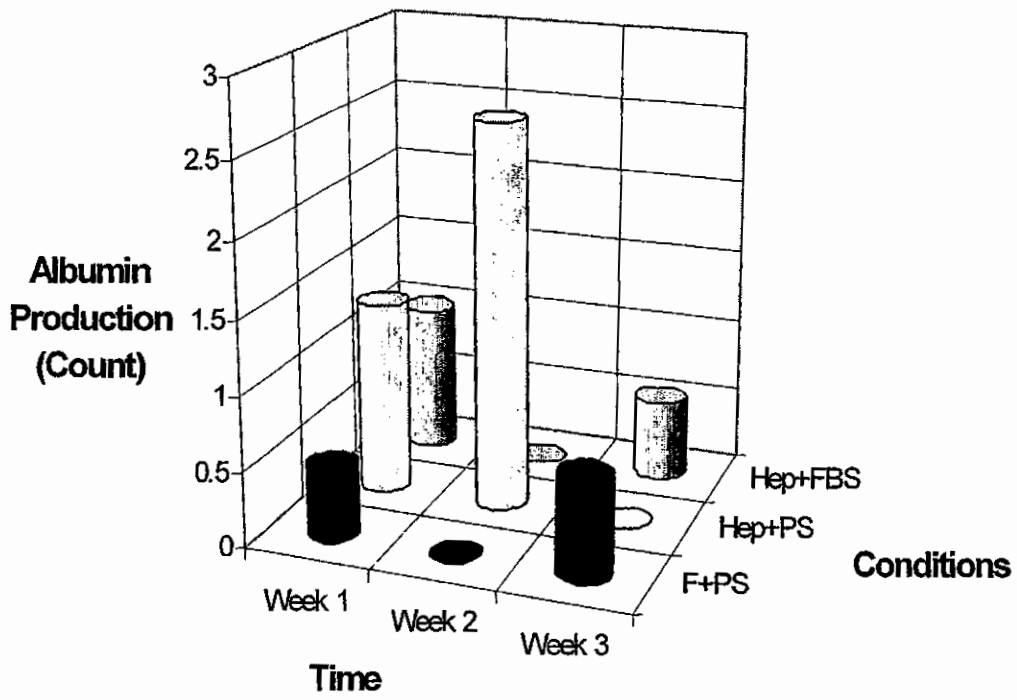

Count/Percentage
40
35
30
25
20
15
10
5
0
21.2
2.1
2.33
8.5
38.2
7.3
2 weeks in culture
3 weeks in culture
5 weeks in culture
albumin (in µg/ml) 21.2 2.33 38.2
Factor VIII (in %) 2.1 8.5 7.3
Time

Figure 1



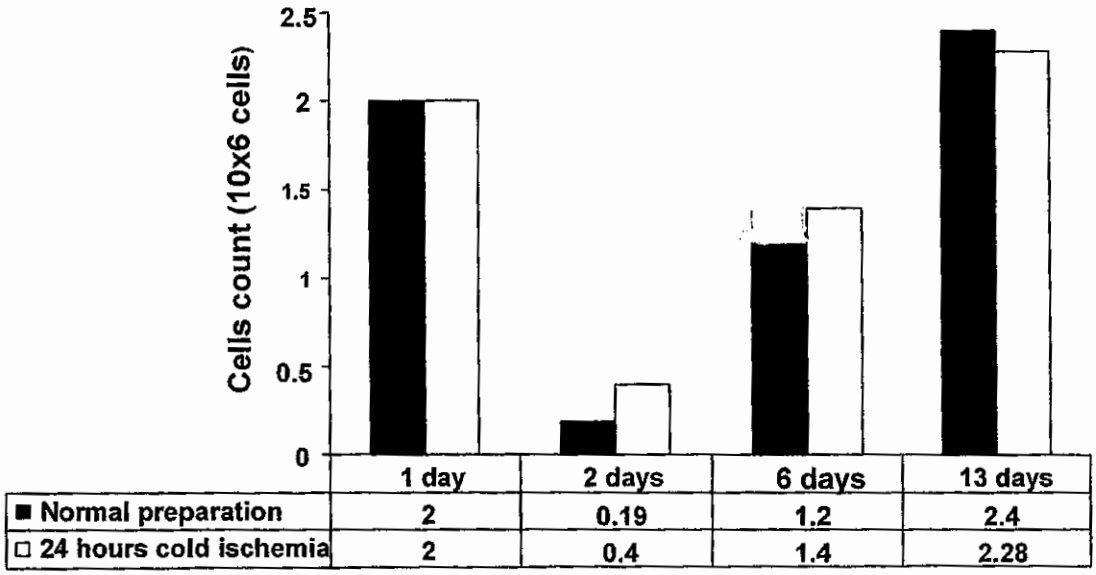
	Day 5	Day 7	Day 10	Day 13	Day 32	Day 54
ARF+FBS	1.3	0	0	0	2.9	0
ARF+PS	1.6	3.3	19.5	4.2	15.7	7.9
ARF NO S	3.9	0	0	0	0	0
COLL+PS	21.2	2.33	5.06	6.5	38.2	3.42
C+PS+F	2	1.2	2.48	1.16	3.76	0
C+PS+S	3.3	1.34	4.34	4.56	0.36	0

Figure 2



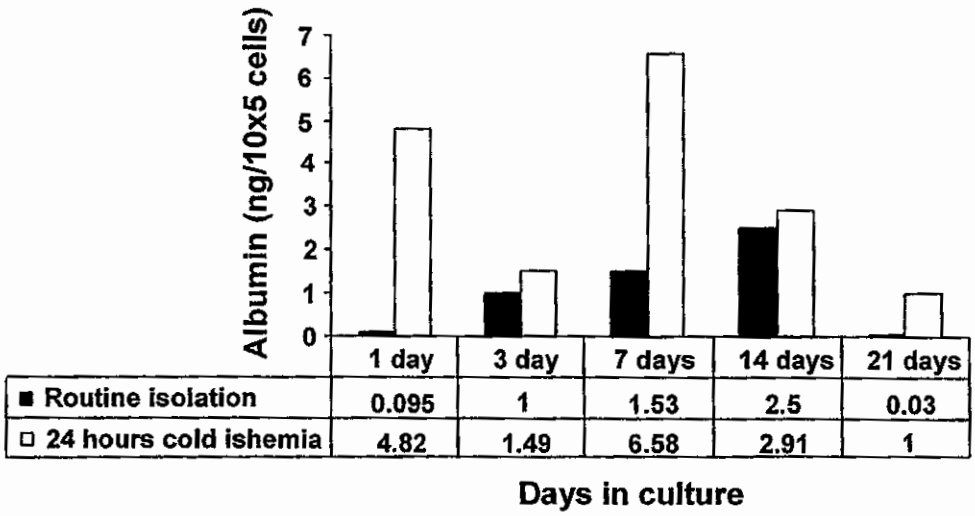
	Week 1	Week 2	Week 3
■ F+PS	0.48	0	0.67
□ Hep+PS	1.3	2.6	0
□ Hep+FBS	1	0	0.55

Figure 3



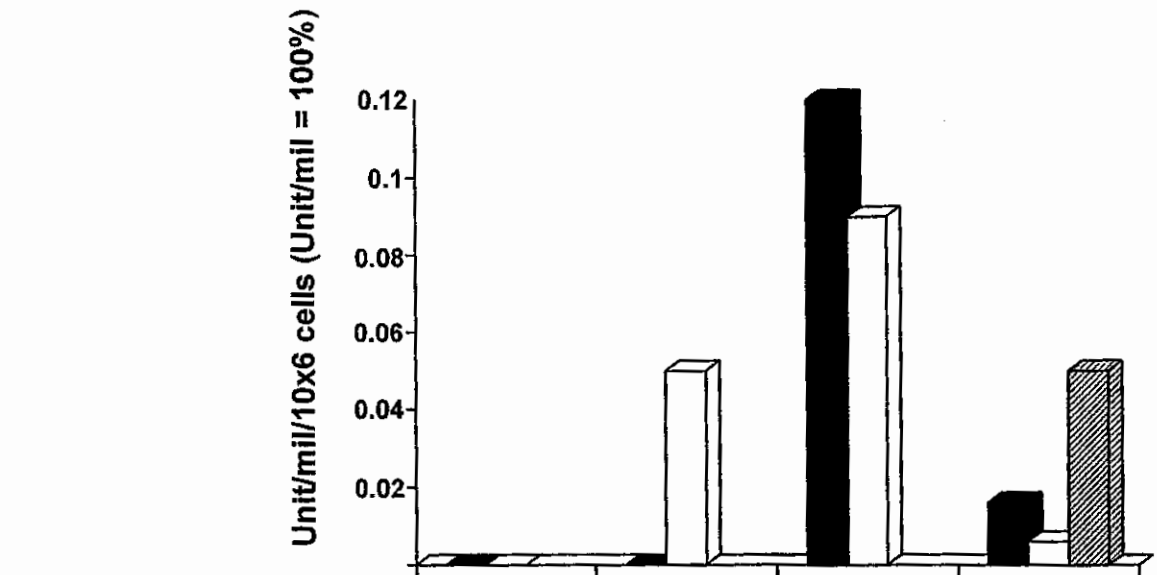
	1 day	2 days	6 days	13 days
■ Normal preparation	2	0.19	1.2	2.4
□ 24 hours cold ischemia	2	0.4	1.4	2.28

Figure 4



	1 day	3 day	7 days	14 days	21 days
■ Routine isolation	0.095	1	1.53	2.5	0.03
□ 24 hours cold ishemia	4.82	1.49	6.58	2.91	1

Figure 5



	1 day	7 days	21 days	28 days
■ Normal preparation	0	0	0.12	0.016
□ 24 hours cold ischemia	0	0.05	0.09	0.006
▨ Gall bladder cell preparation				0.05

Days in culture

Figure 6

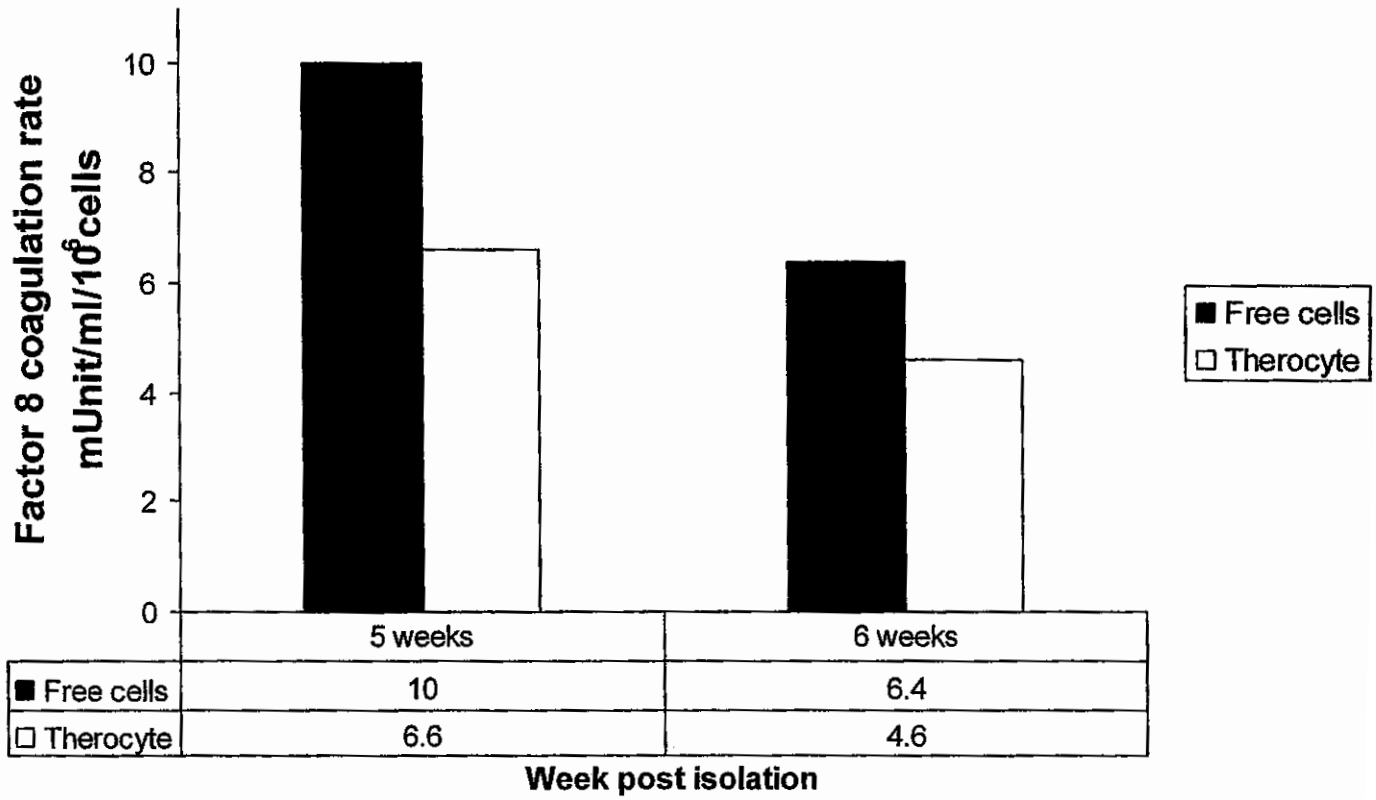

Factor 8 coagulation rate
mUnit/ml/10^6cells
10
8
6
4
2
0
Free cells
Therocyte
5 weeks
6 weeks
Free cells 10 6.4
Therocyte 6.6 4.6
Week post isolation

Figure 7

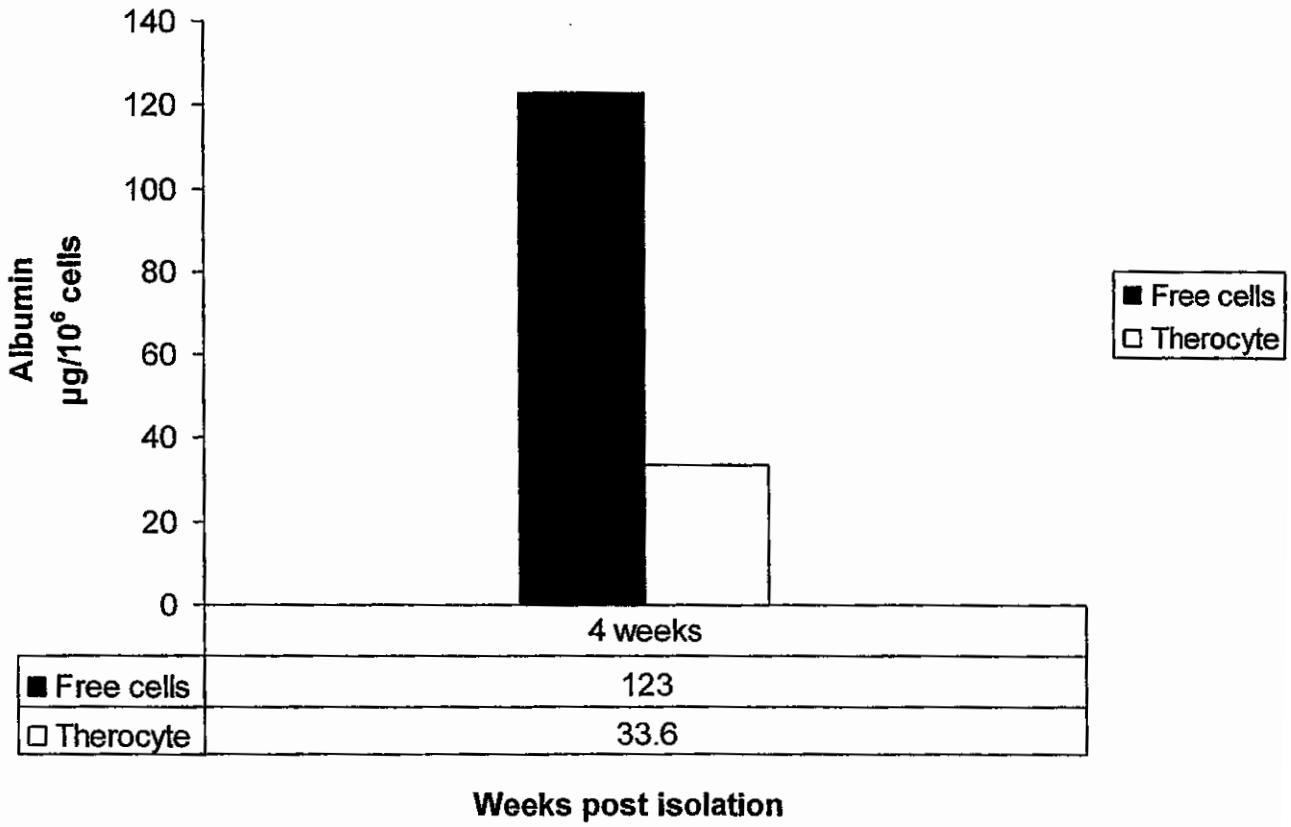

140
120
100
80
60
40
20
0
Albumin µg/10^6 cells
Free cells
Therocyte
4 weeks
Free cells 123
Therocyte 33.6
Weeks post isolation

Figure 8

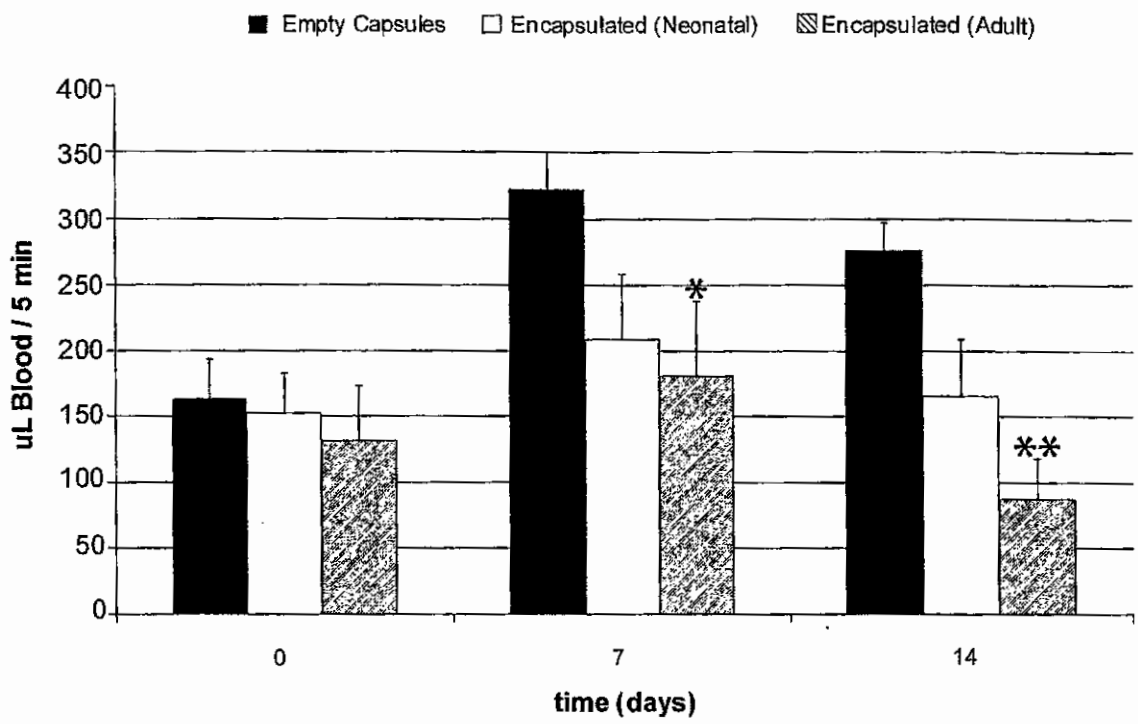

Empty Capsules
Encapsulated (Neonatal)
Encapsulated (Adult)
400
350
300
250
200
150
100
50
0
uL Blood / 5 min
*
**
0
7
14
time (days)

Figure 9