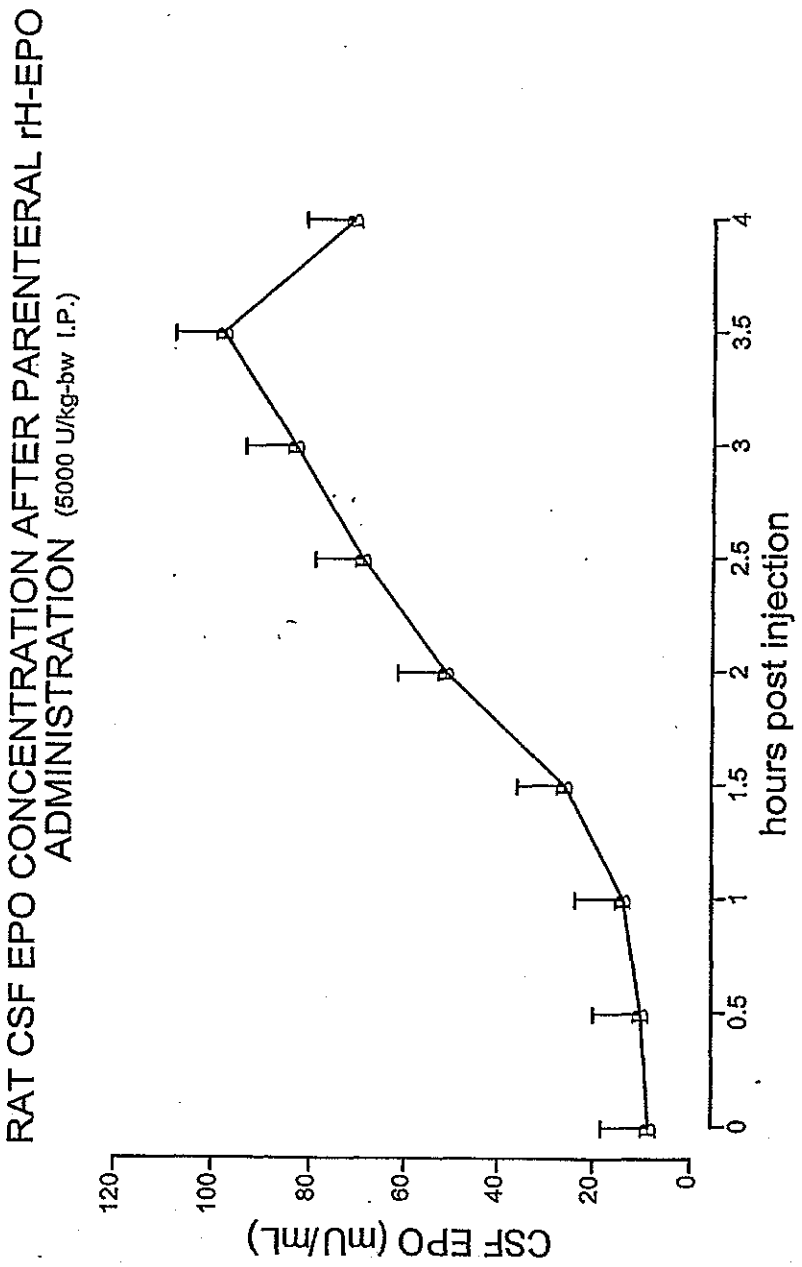
Figure 1



2.5 hrs and longer $p < 0.01$ compared to baseline

Figure 2

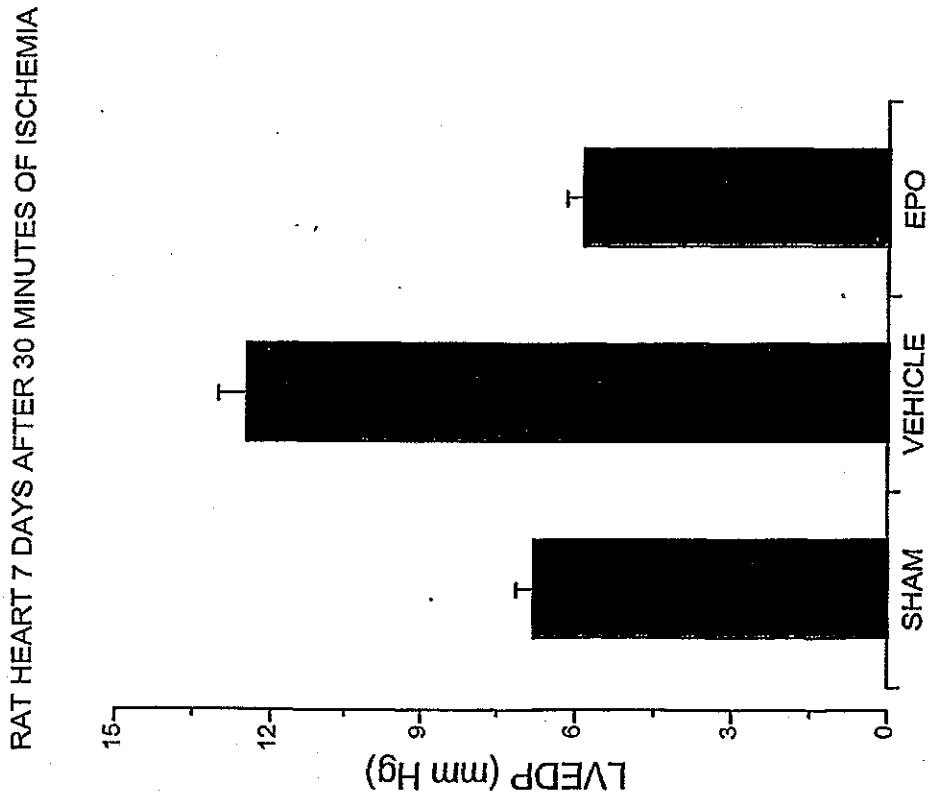

RAT HEART 7 DAYS AFTER 30 MINUTES OF ISCHEMIA
LVEDP (mm Hg)
0
3
6
9
12
15
SHAM
VEHICLE
EPO

Figure 3

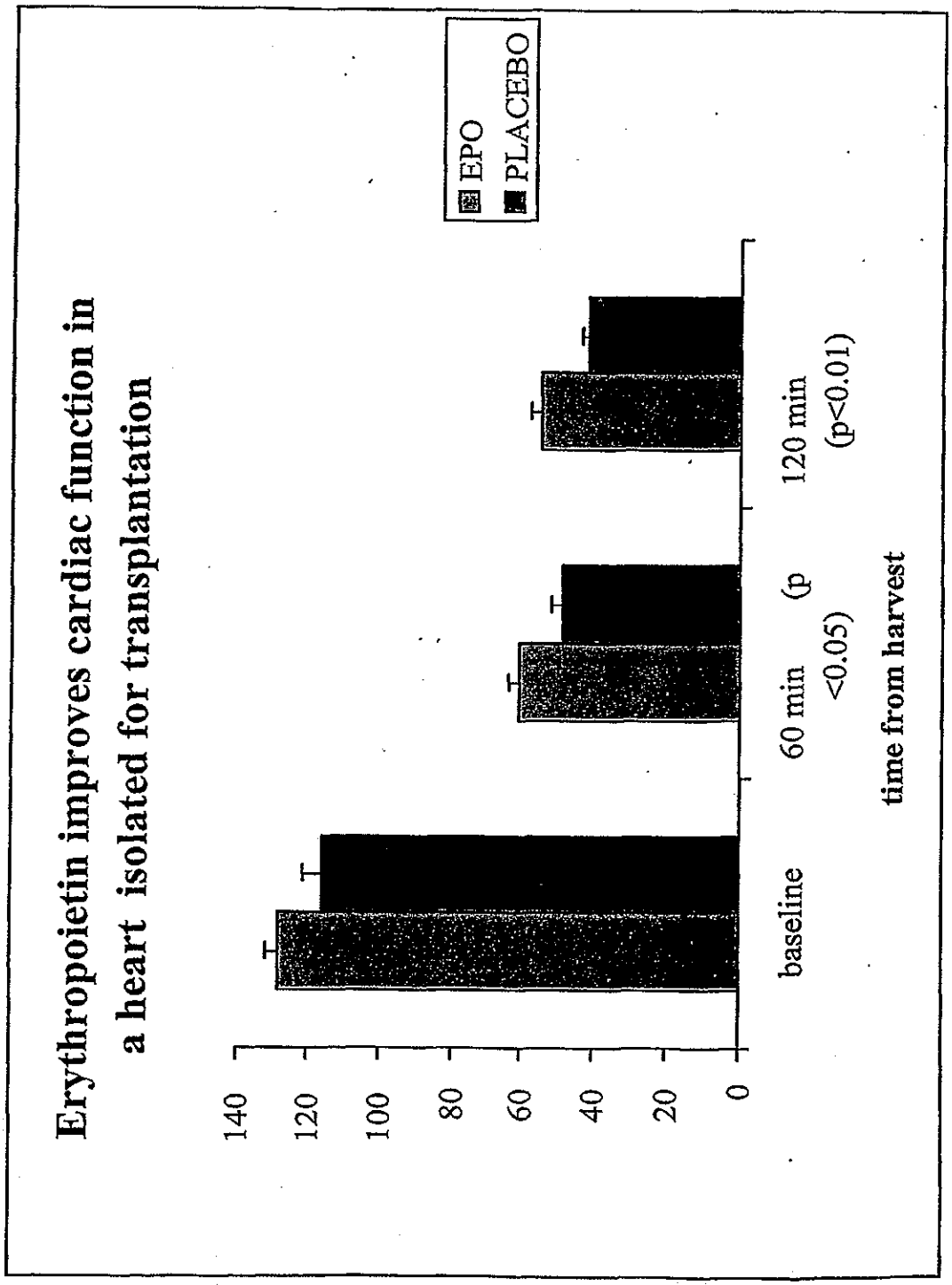

Erythropoietin improves cardiac function in a heart isolated for transplantation
EPO
PLACEBO
140
120
100
80
60
40
20
0
baseline
60 min (p <0.05)
120 min (p<0.01)
time from harvest

Figure 4

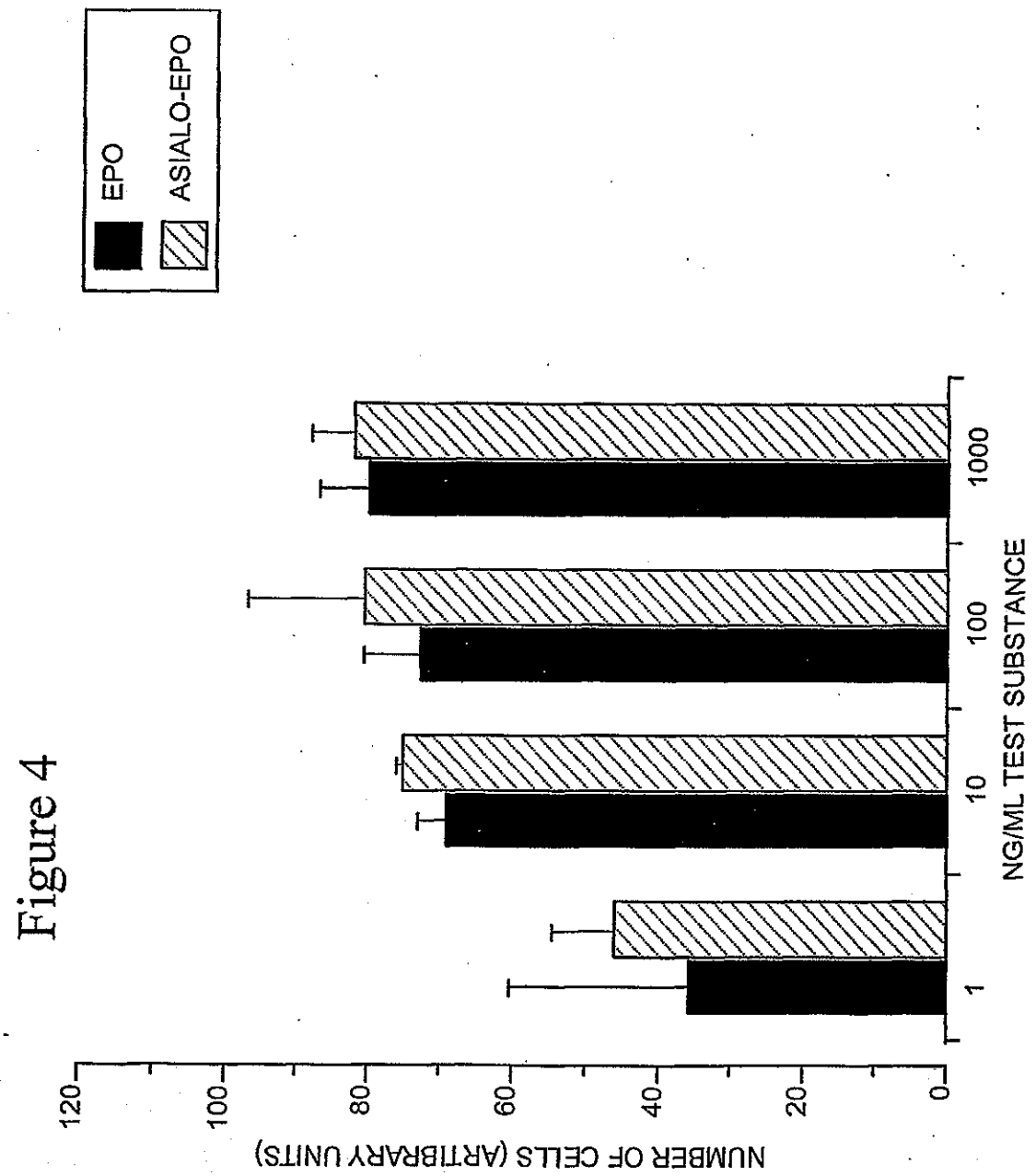

EPO
ASIALO-EPO
NUMBER OF CELLS (ARTIBRARY UNITS)
0
20
40
60
80
100
120
1
10
100
1000
NG/ML TEST SUBSTANCE

Figure 5

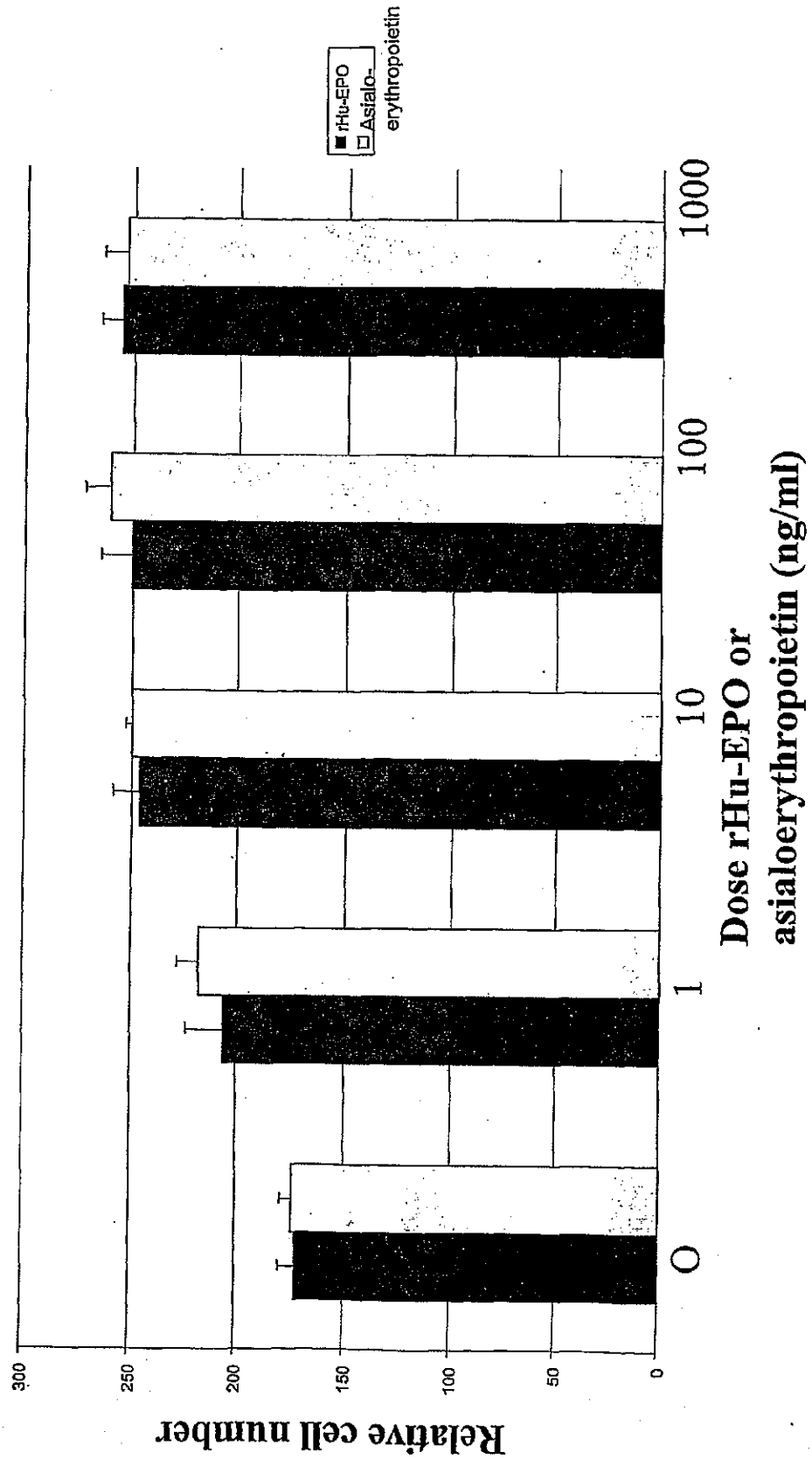

rHu-EPO
Asialo-erythropoietin
Relative cell number
300
250
200
150
100
50
0
0
1
10
100
1000
Dose rHu-EPO or asialoerythropoietin (ng/ml)

Figure 6

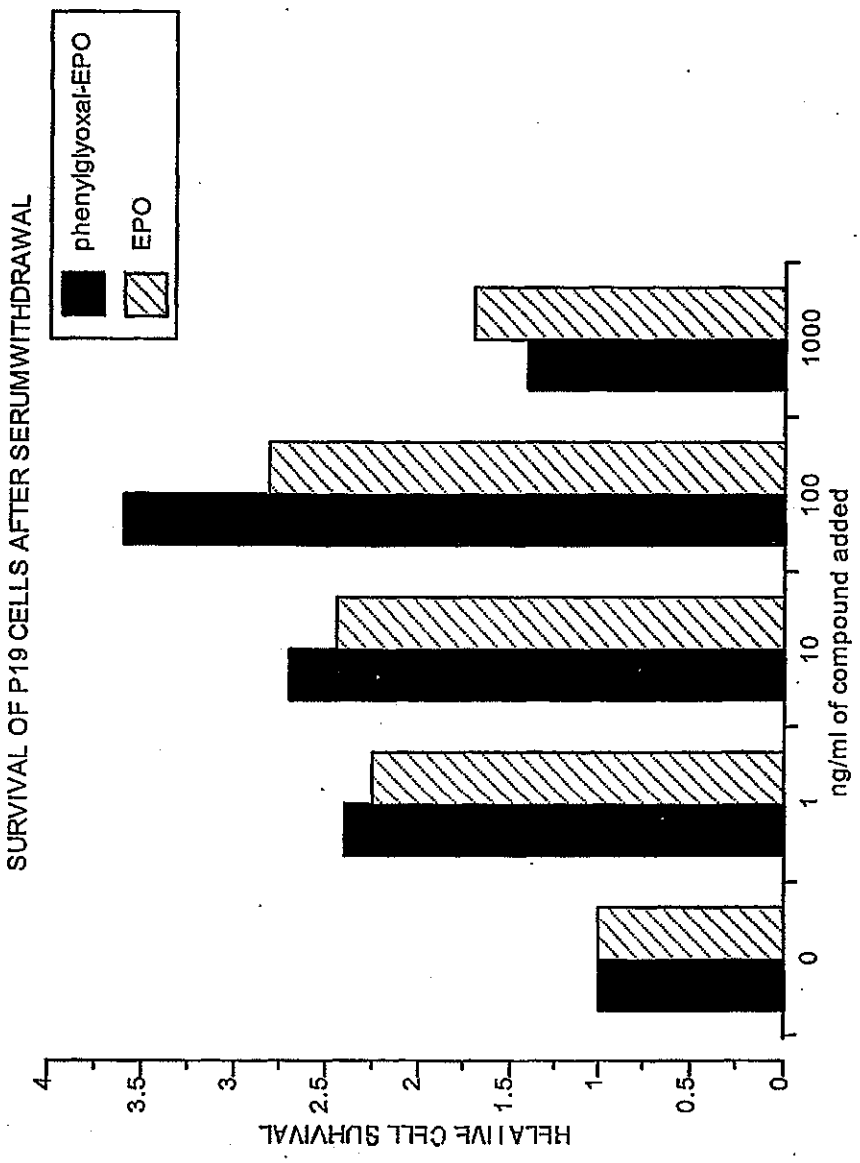

SURVIVAL OF P19 CELLS AFTER SERUMWITHDRAWAL
phenylglyoxal-EPO
EPO
HELA LIVE CELL SURVIVAL
0
0.5
1
1.5
2
2.5
3
3.5
4
0
1
10
100
1000
ng/ml of compound added

Figure 7

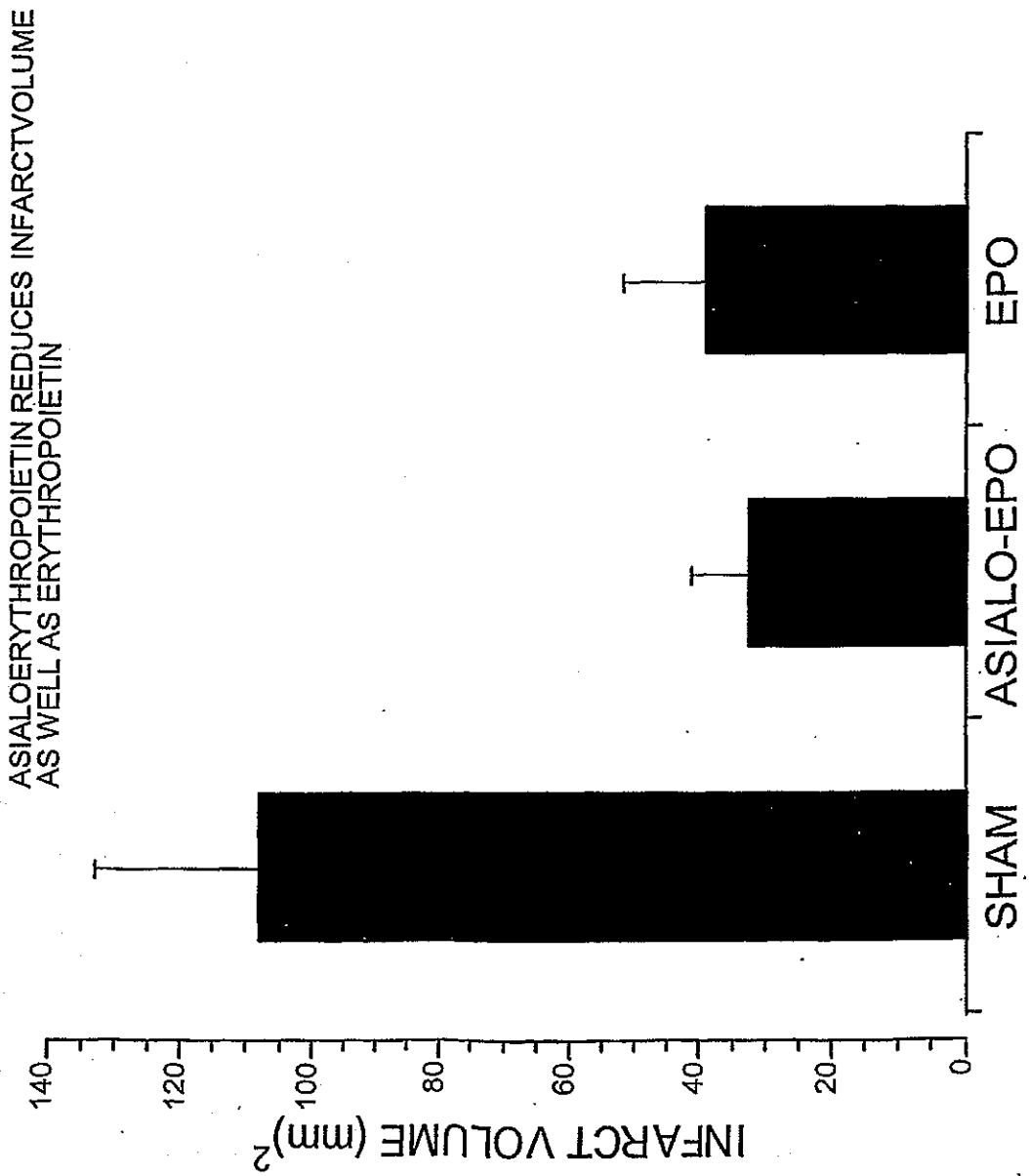

ASIALOERYTHROPOIETIN REDUCES INFARCTVOLUME
AS WELL AS ERYTHROPOIETIN
INFARCT VOLUME (mm)2
0
20
40
60
80
100
120
140
SHAM
ASIALO-EPO
EPO

Figure 8

asialoerythropoietin

(dose response)

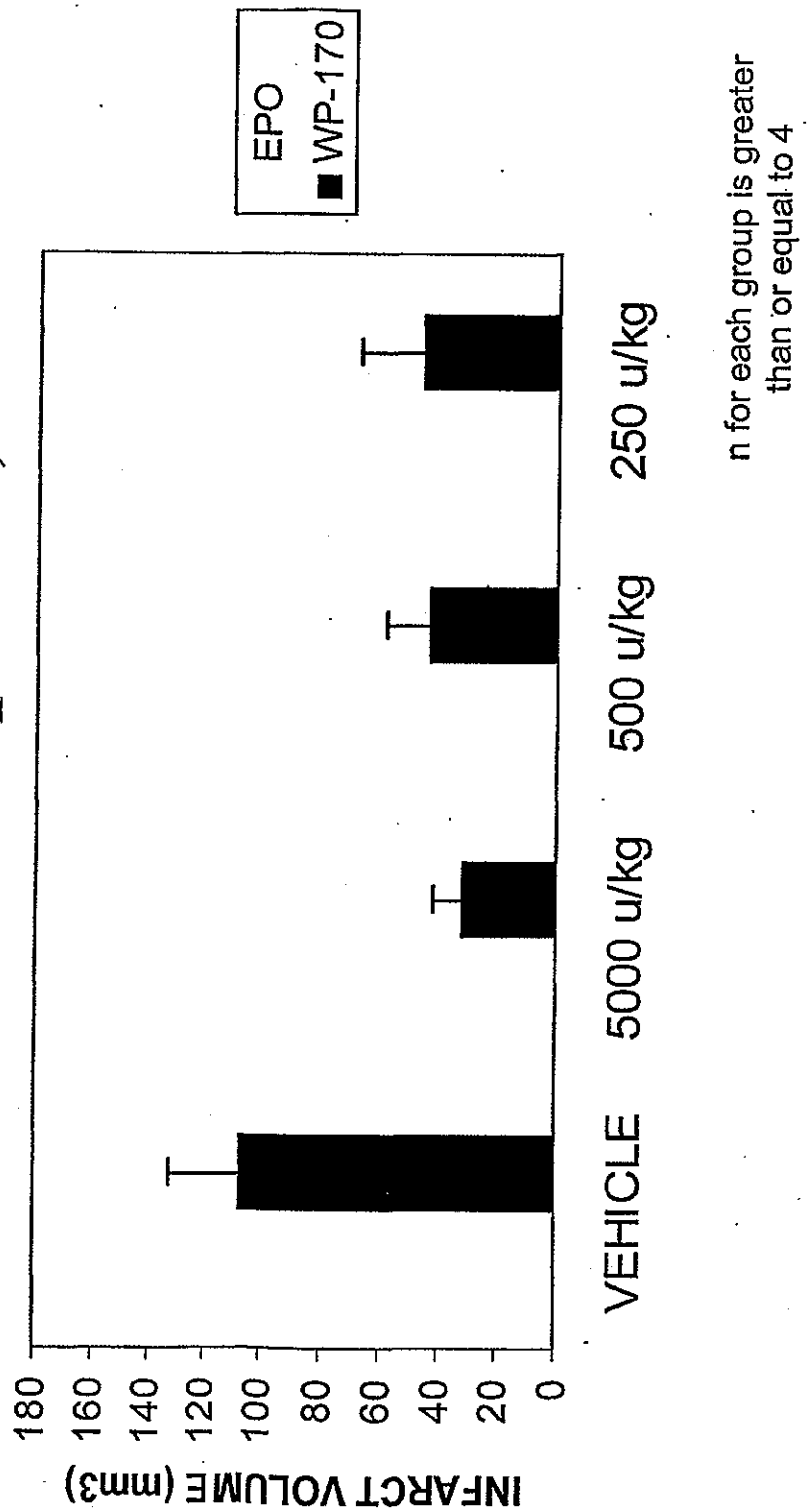


Figure 9

Biotinylated-EPO and Asialo-EPO retain activity in P19 assay

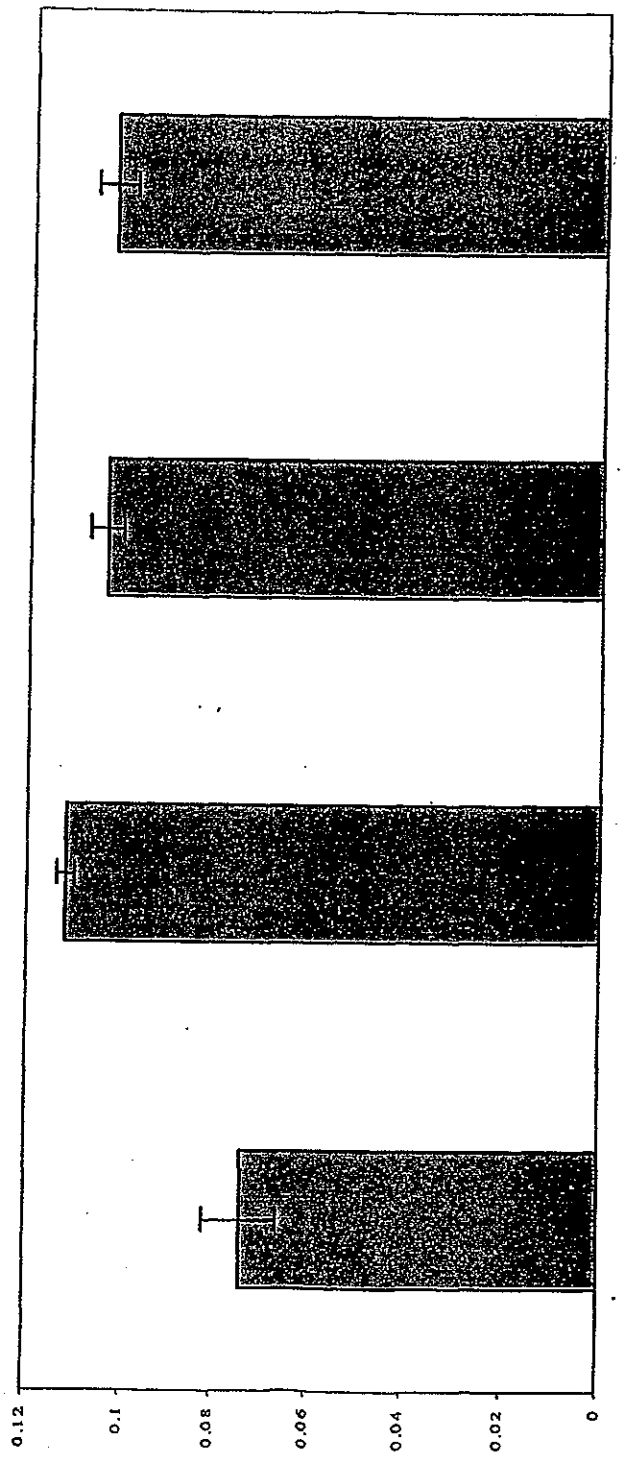


Figure 10

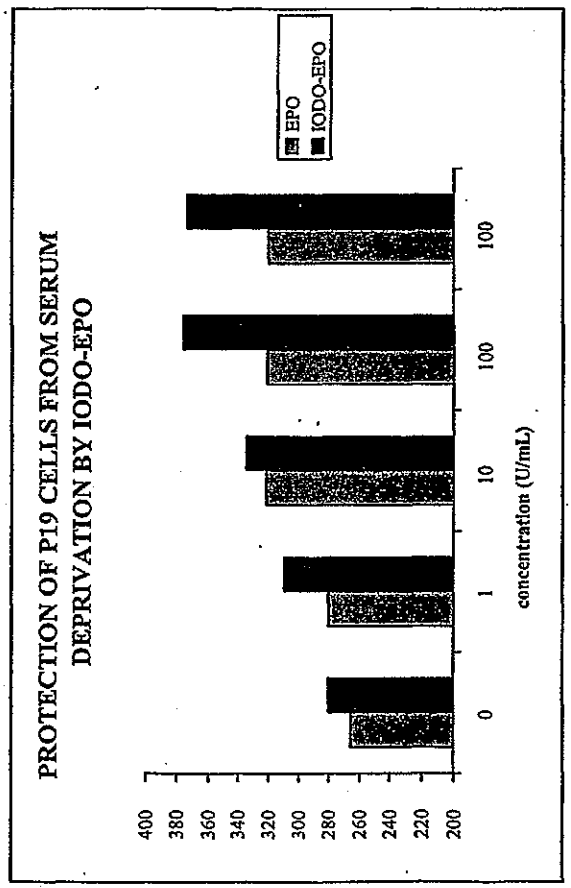

PROTECTION OF P19 CELLS FROM SERUM DEPRIVATION BY IODO-EPO
EPO
IODO-EPO
400
380
360
340
320
300
280
260
240
220
200
0
1
10
100
100
concentration (U/mL)

Figure 11

Electroretinograms from rats subjected to 60 minutes of ischemia

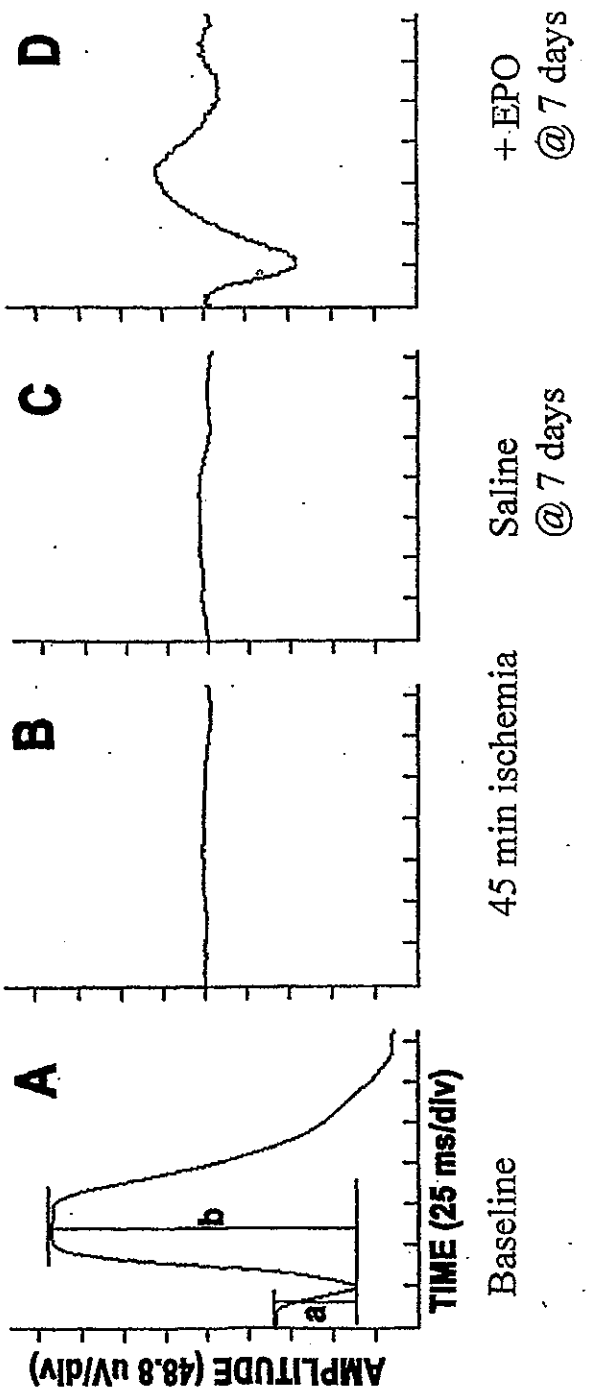


Figure 12

Retinogram amplitude after 60 min. ischemia

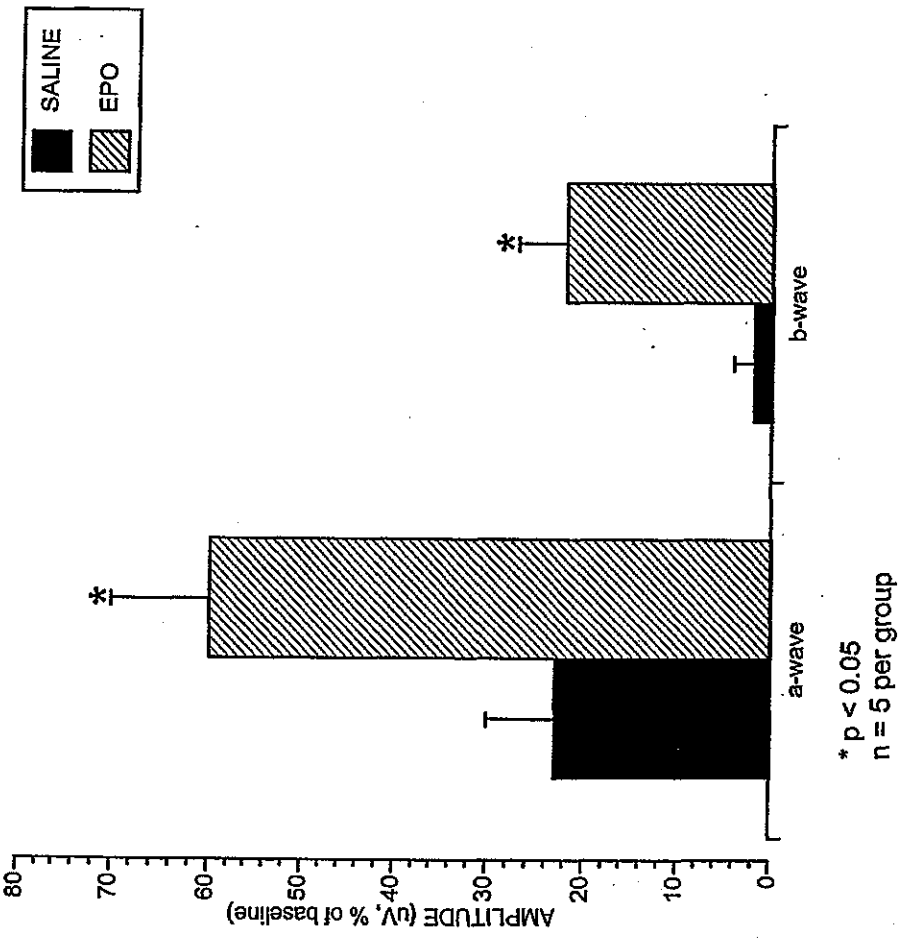


Figure 13

Morris water maze; female Balb/c mice n= 16 . Blunt brain trauma with EPO rx beginning on day 5 after injury. First water maze test began 1 week after EPO dosing began (12 days after injury). Both groups of animals did poorly with swim times ~80 out of 90 seconds possible. Negative values indicates that EPO is better. Means of 4 trials per day.

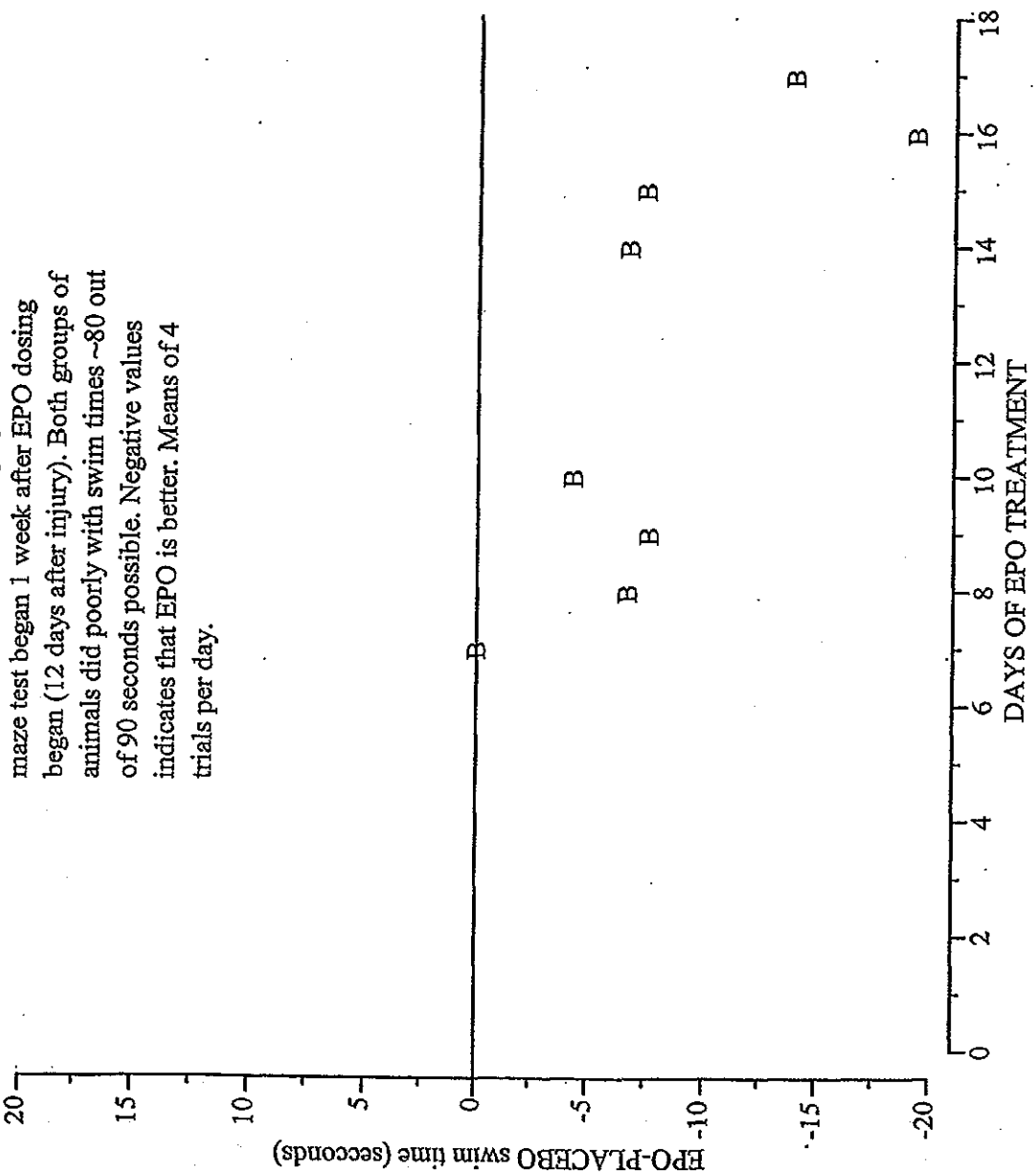


Figure 14

Difference in swimming time to platform in Morris water maze.
Bab/c mice; brain trauma 1 month previously, treated with 5000U/kg EPO daily except weekends beginning one month after injury
(n= 7 each group)
means of 4 trials each day

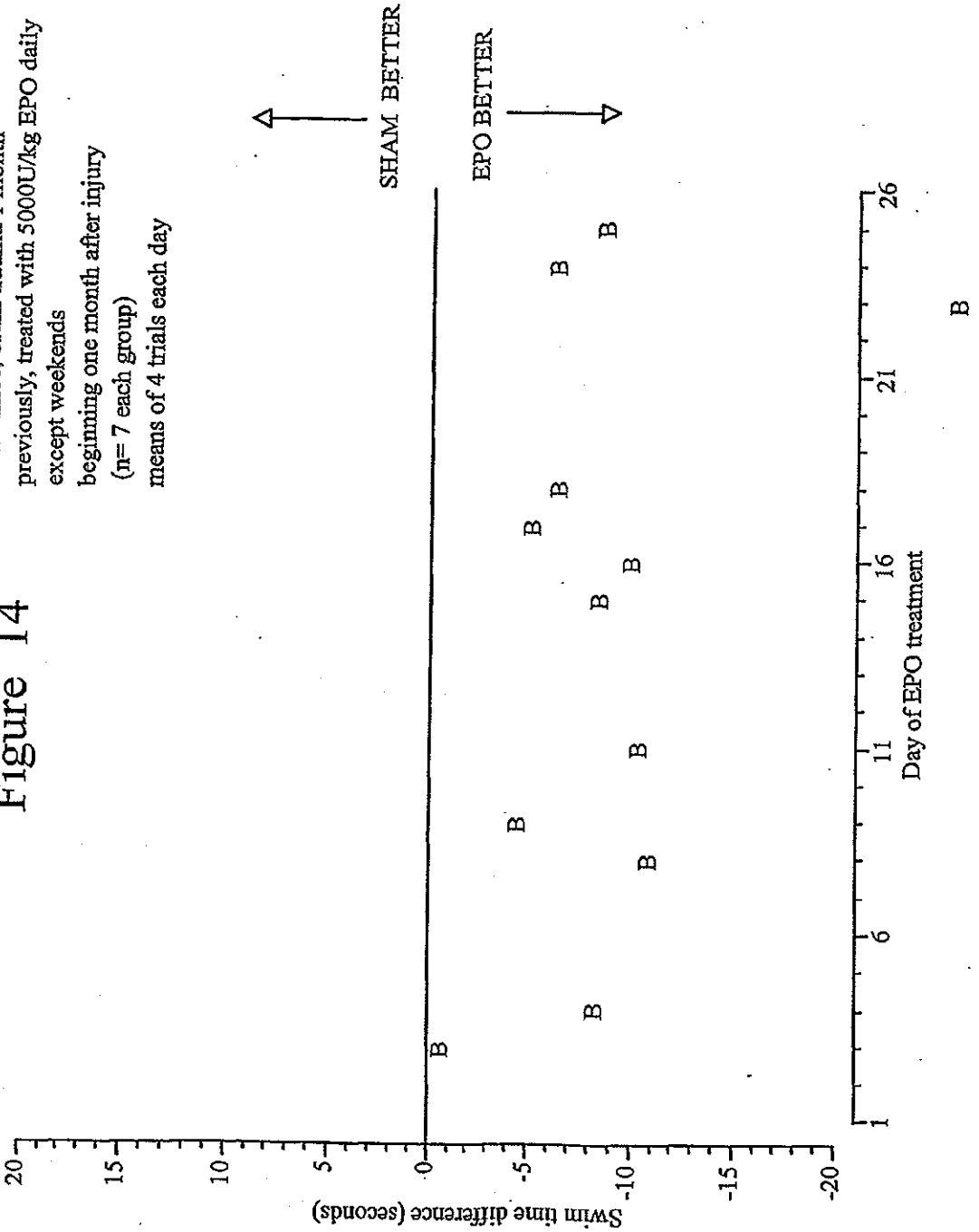
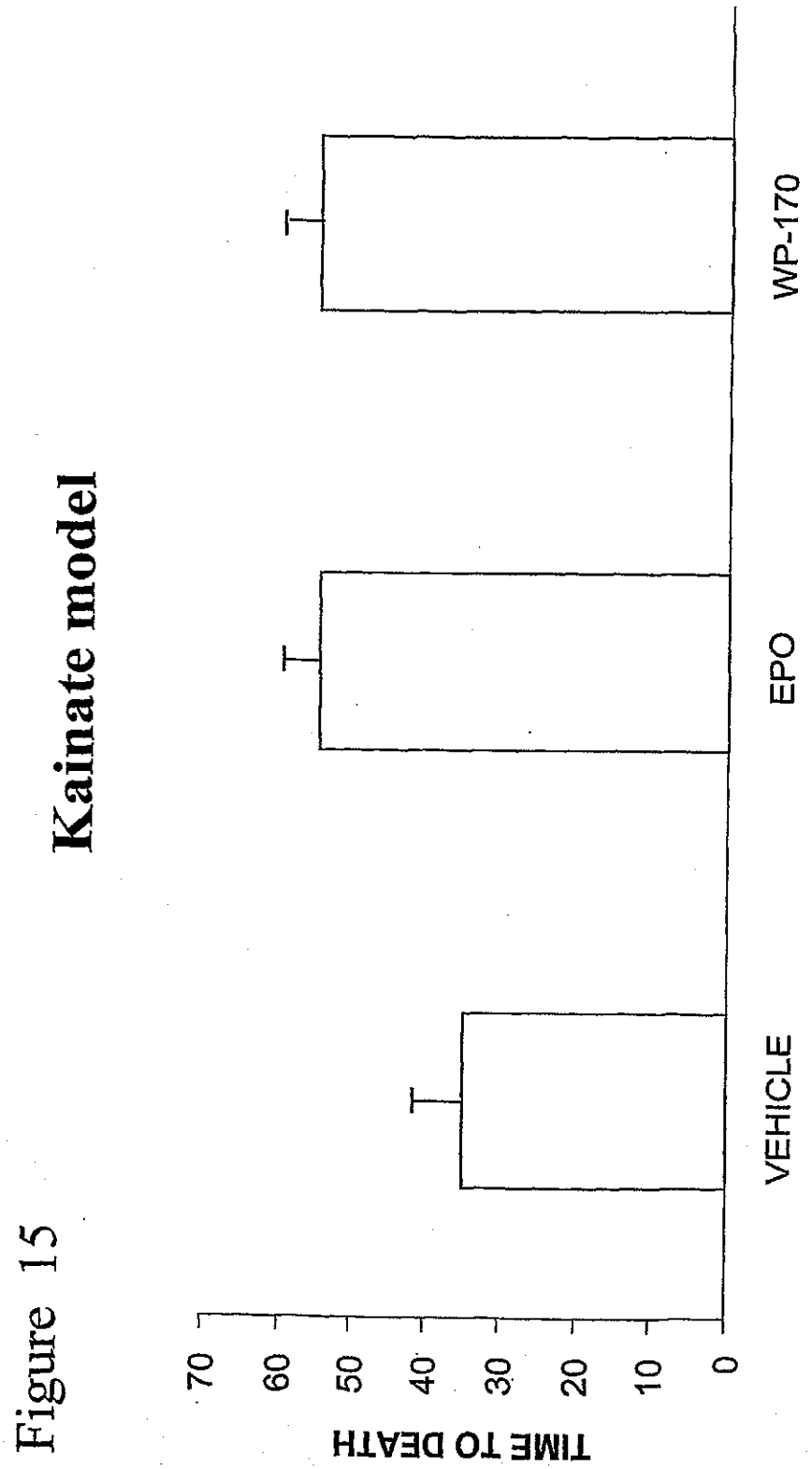


Figure 15


Kainate model
TIME TO DEATH
0
10
20
30
40
50
60
70
VEHICLE
EPO
WP-170