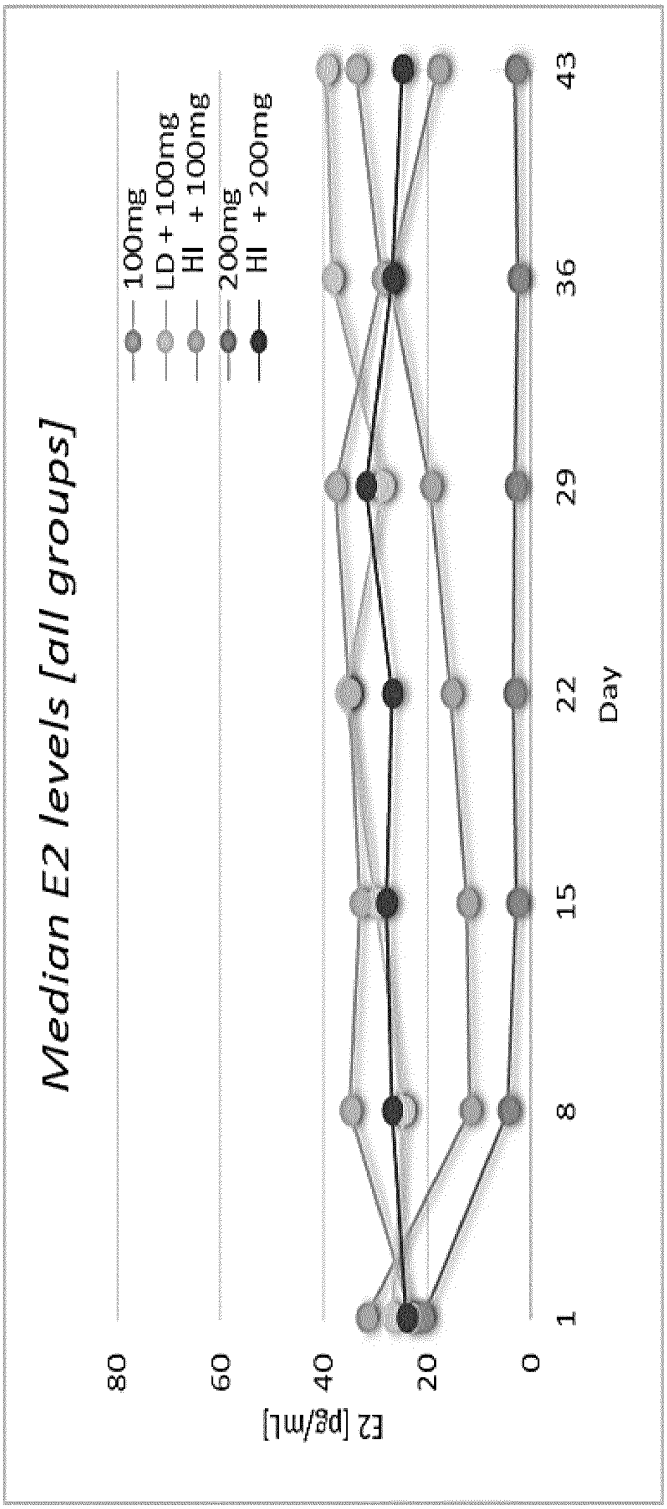

Median E2 levels [all groups]
100mg
LD + 100mg
HI + 100mg
200mg
HI + 200mg
E2 [pg/mL]
0
20
40
60
80
1
8
15
22
29
36
43
Day

Fig. 1

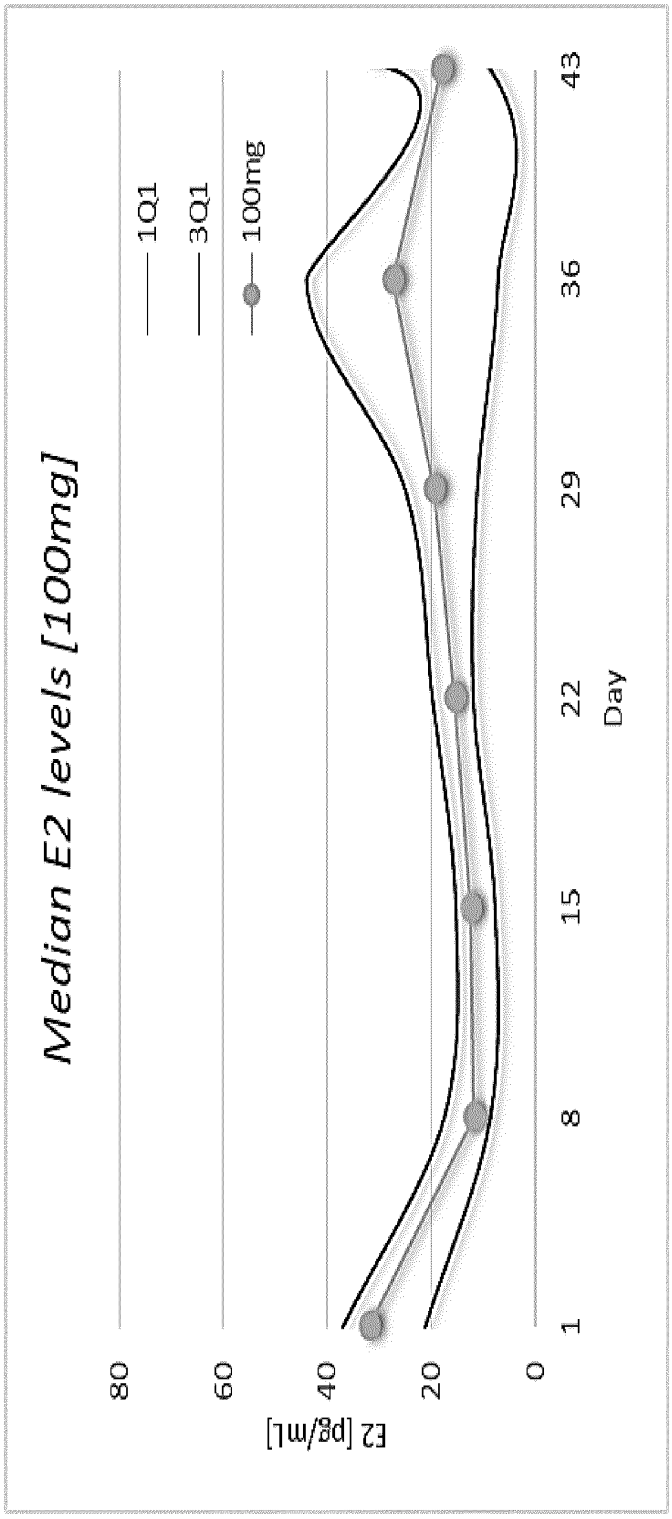

Median E2 levels [100mg]
1Q1
3Q1
100mg
E2 [pg/mL]
0
20
40
60
80
1
8
15
22
29
36
43
Day

Fig. 2

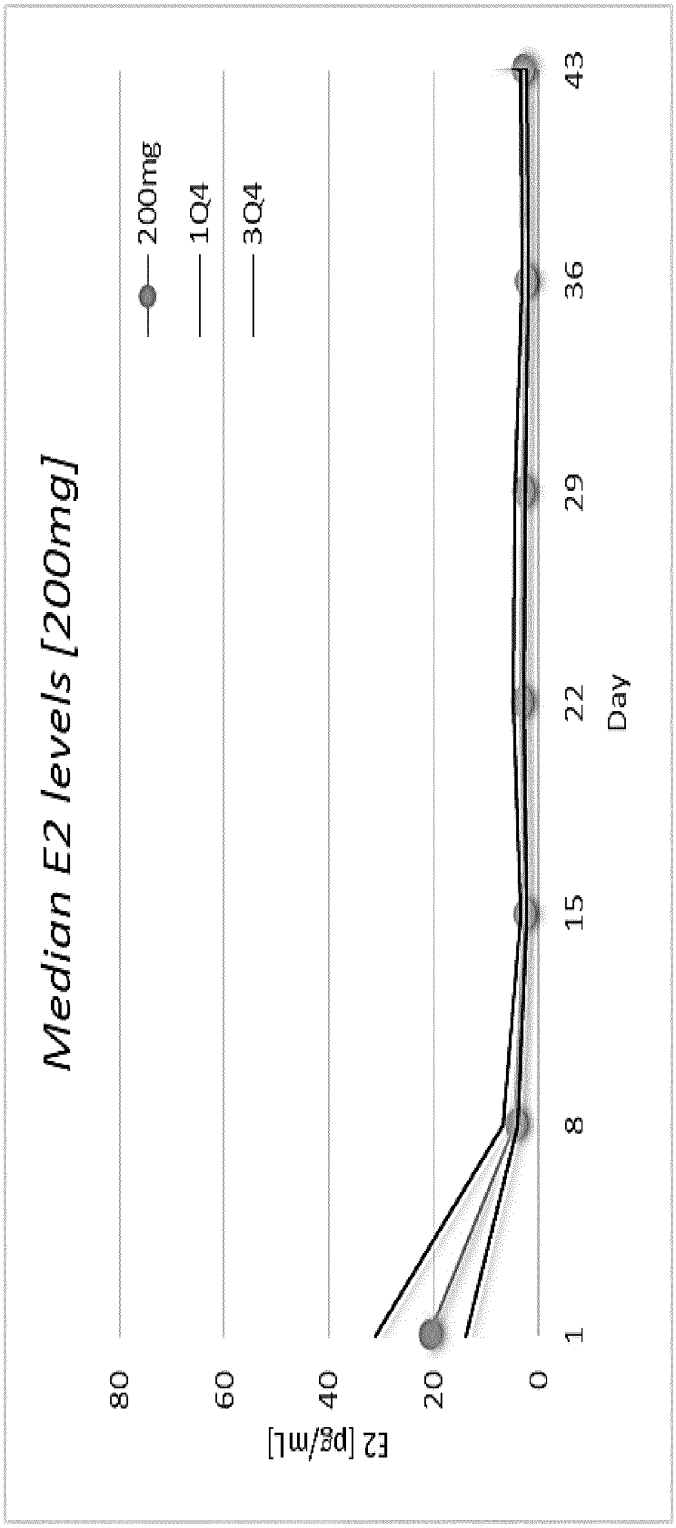

Median E2 levels [200mg]
200mg
1Q4
3Q4
E2 [pg/mL]
80
60
40
20
0
1
8
15
22
29
36
43
Day

Fig. 3

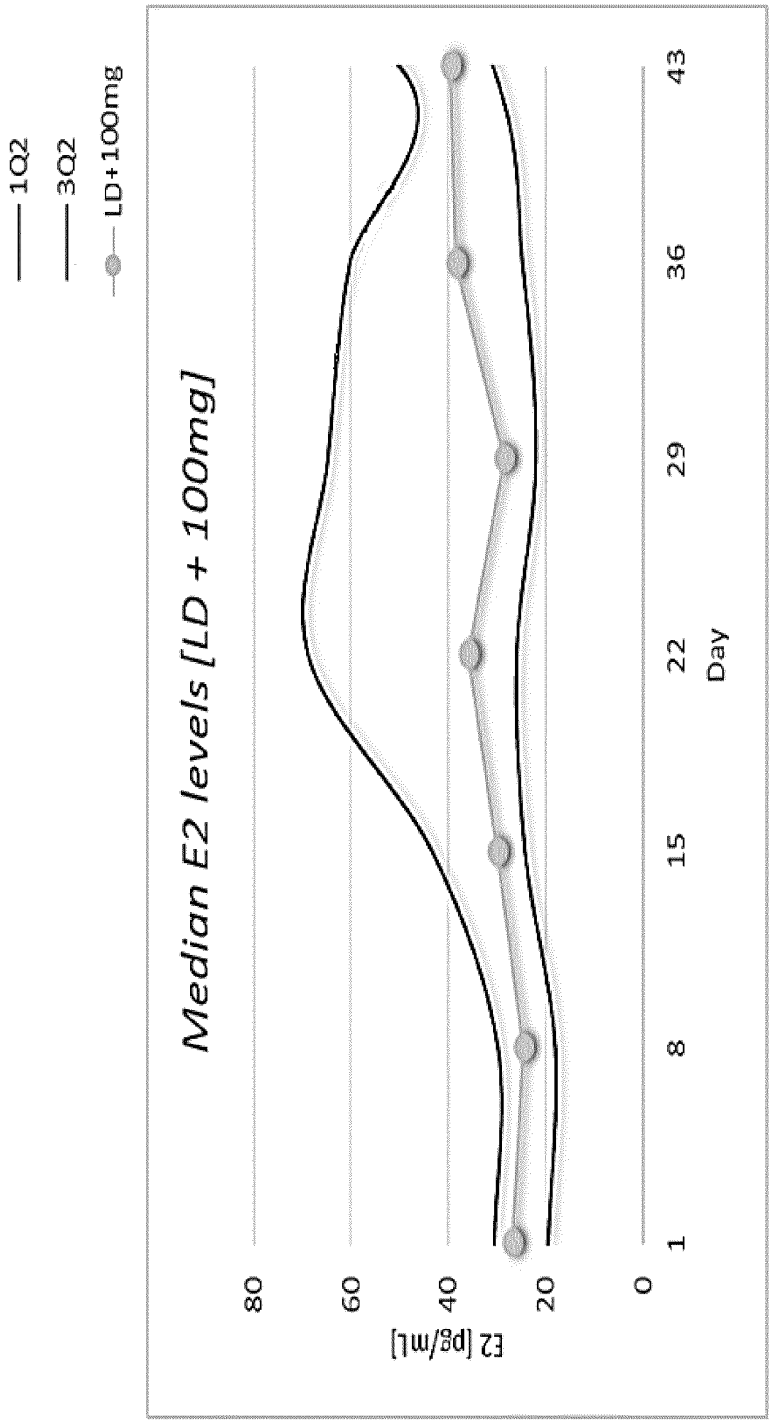

1Q2
3Q2
LD+100mg
Median E2 levels [LD + 100mg]
E2 [pg/mL]
80
60
40
20
0
1
8
15
22
29
36
43
Day

Fig. 4

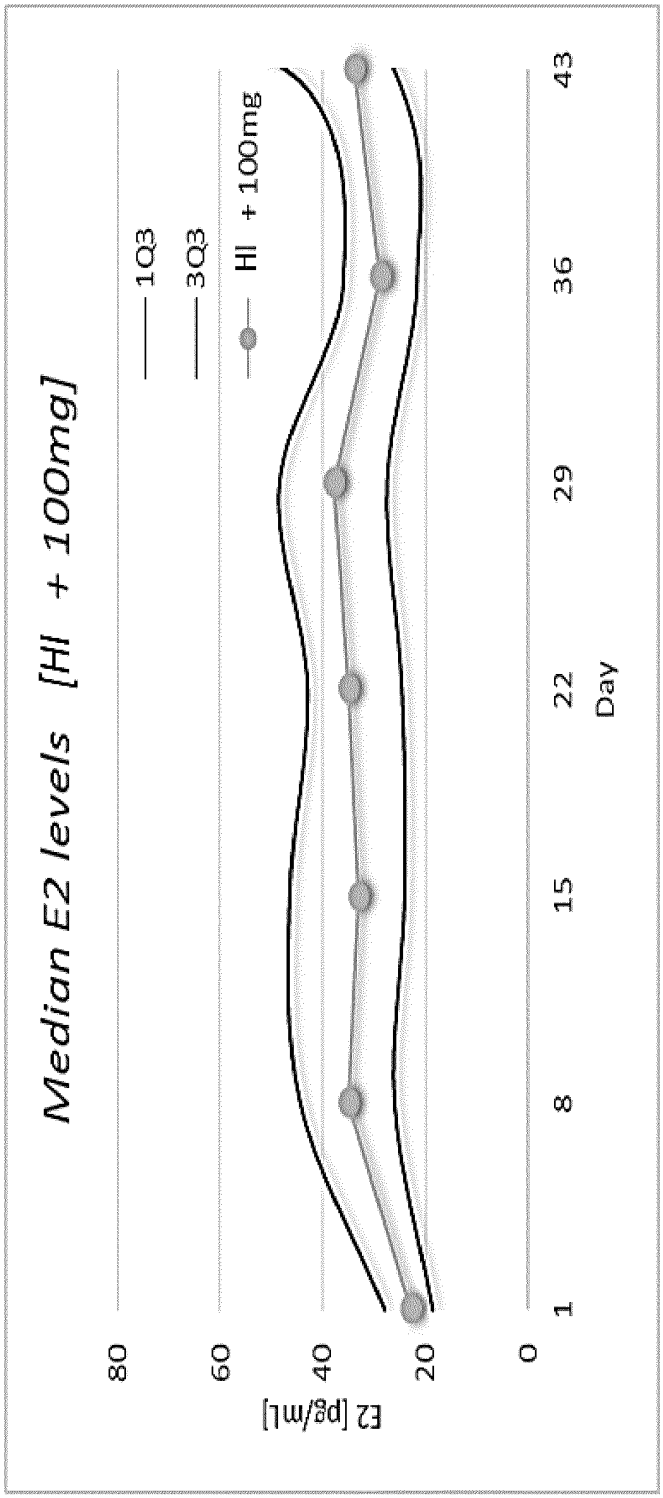

Median E2 levels [HI + 100mg]
1Q3
3Q3
HI + 100mg
E2 [pg/mL]
80
60
40
20
0
1
8
15
22
29
36
43
Day

Fig. 5

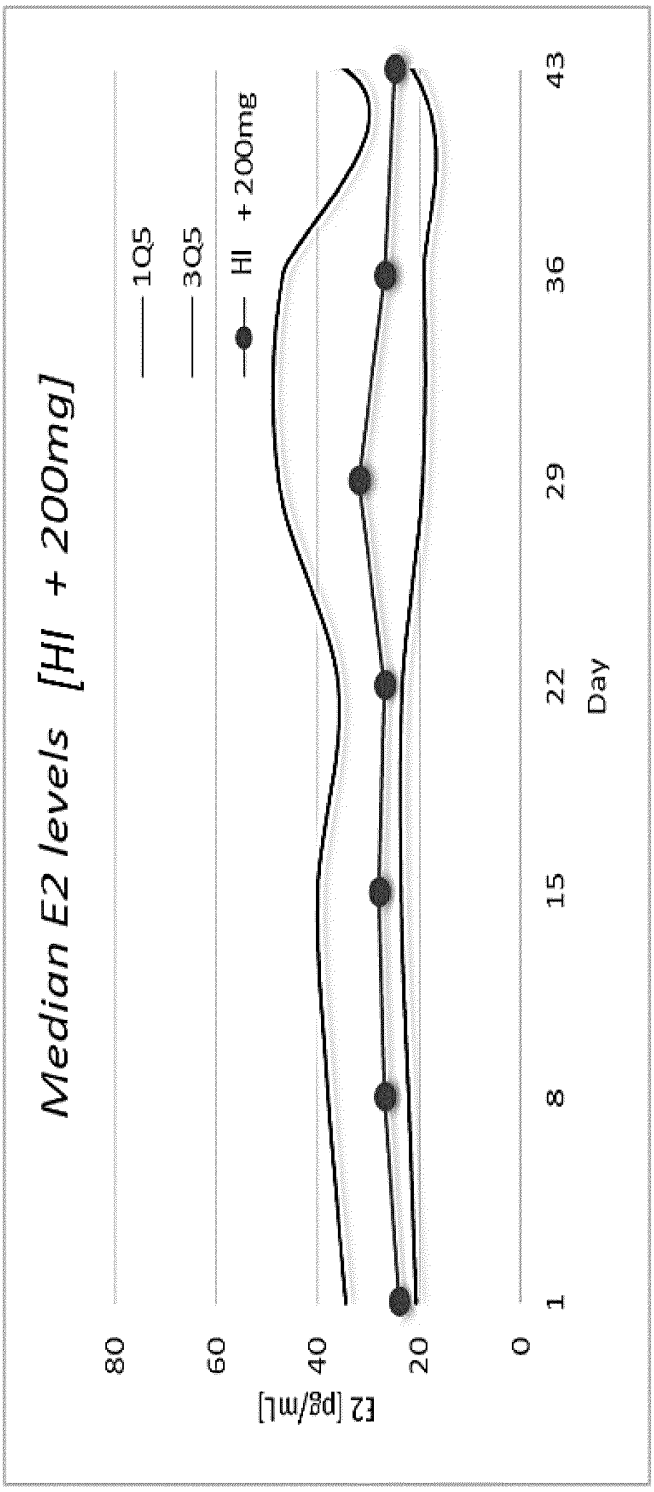

Median E2 levels [HI + 200mg]
1Q5
3Q5
HI + 200mg
E2 [pg/mL]
80
60
40
20
0
1
8
15
22
29
36
43
Day

Fig. 6

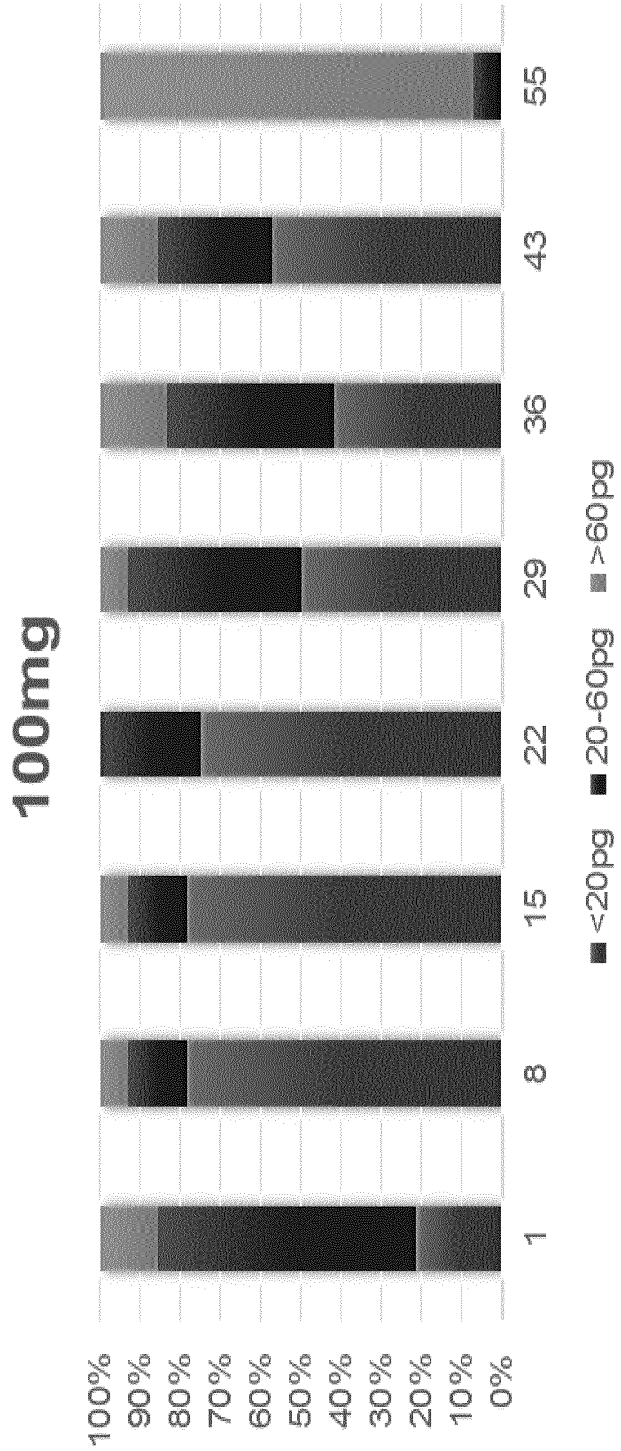

100mg
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1
8
15
22
29
36
43
55
<20pg
20-60pg
>60pg

Fig. 7

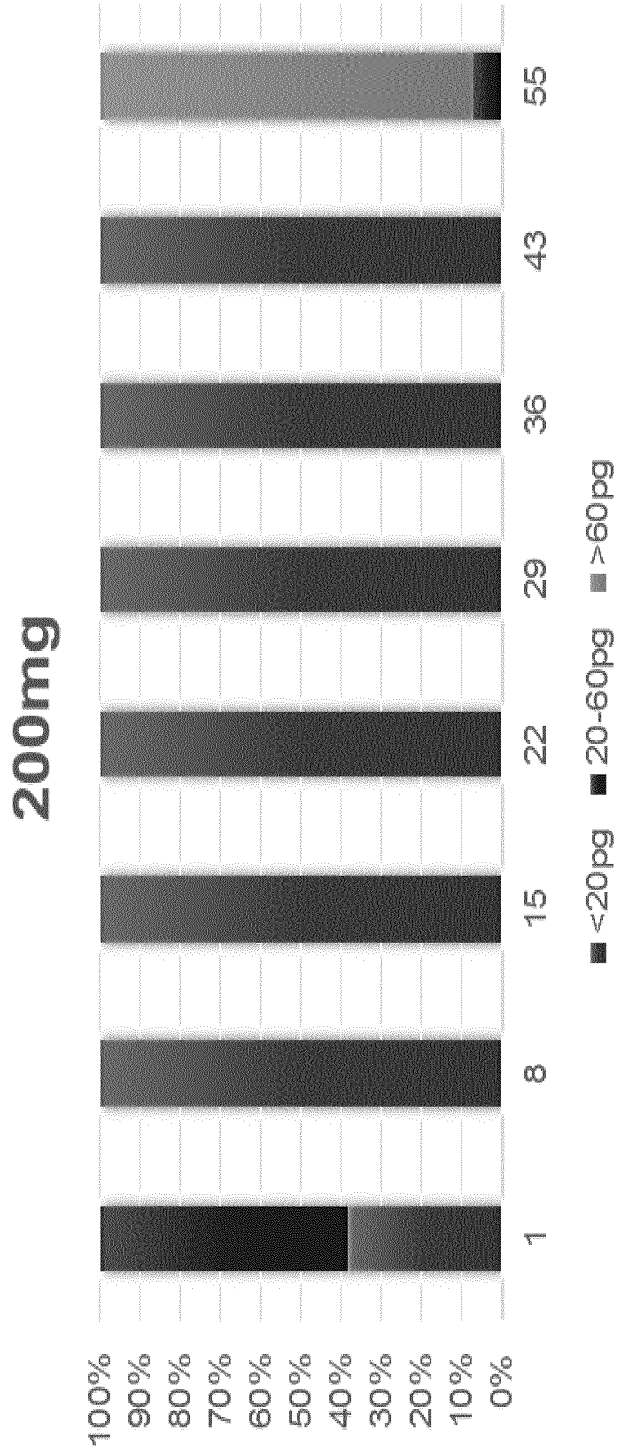

200mg
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1
8
15
22
29
36
43
55
<20pg
20-60pg
>60pg

Fig. 8

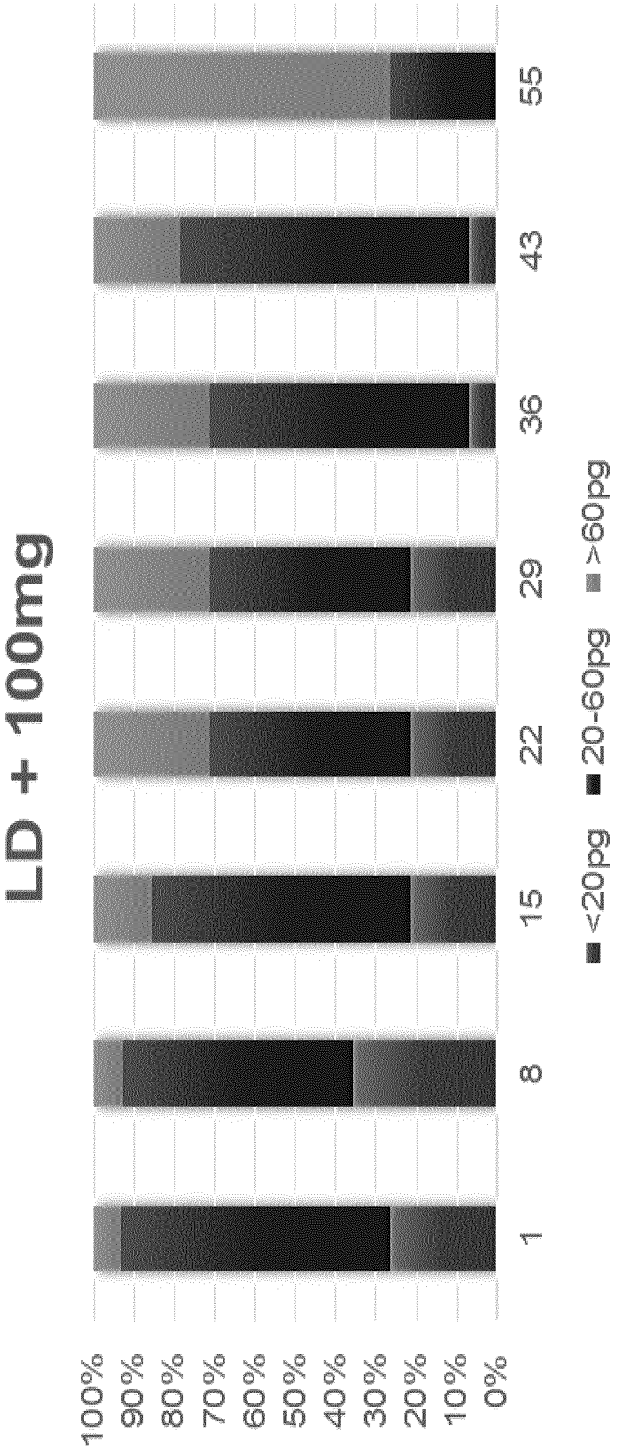

LD + 100mg
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1
8
15
22
29
36
43
55
<20pg
20-60pg
>60pg

Fig. 9

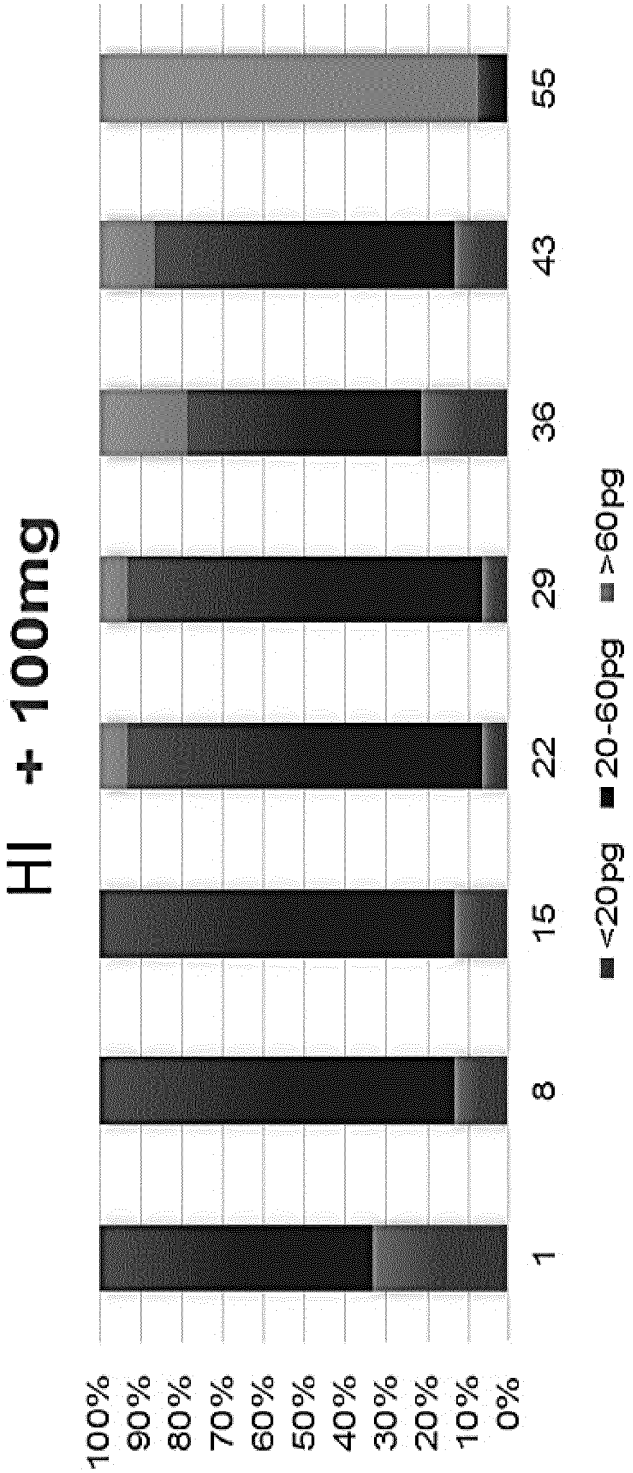

HI + 100mg
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1
8
15
22
29
36
43
55
<20pg
20-60pg
>60pg

Fig. 10

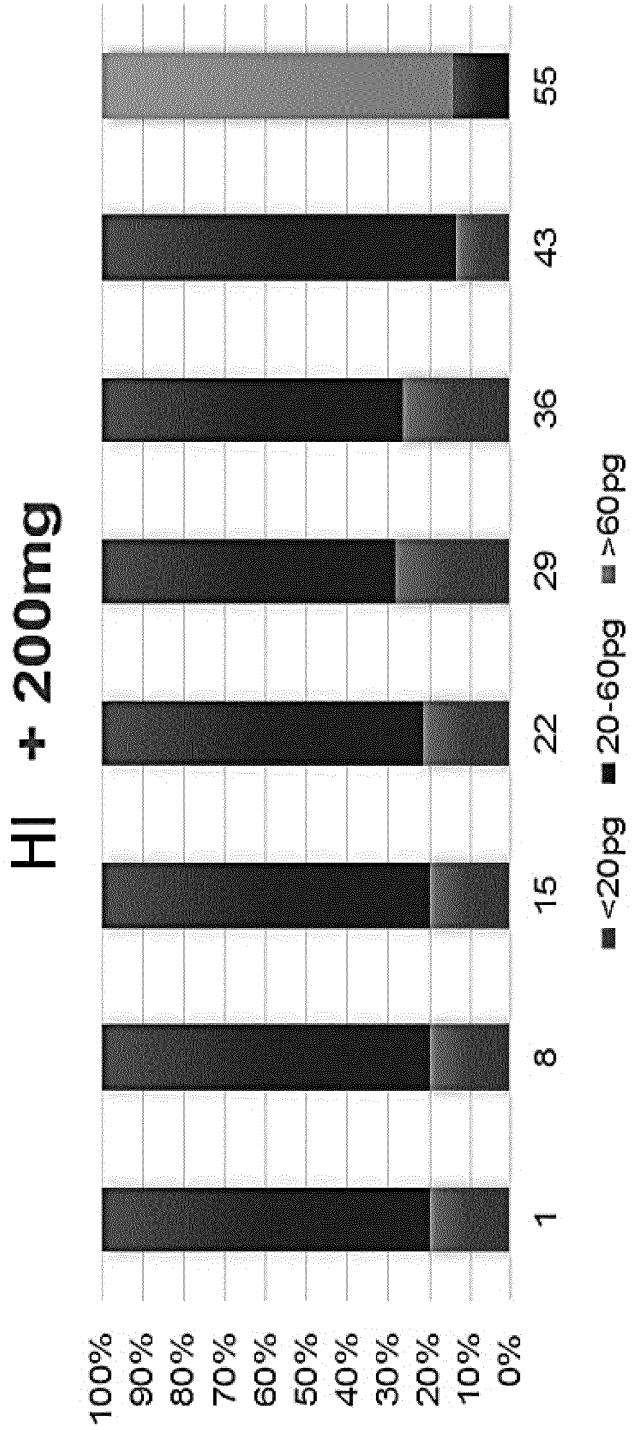

HI + 200mg
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1
8
15
22
29
36
43
55
<20pg
20-60pg
>60pg

Fig. 11

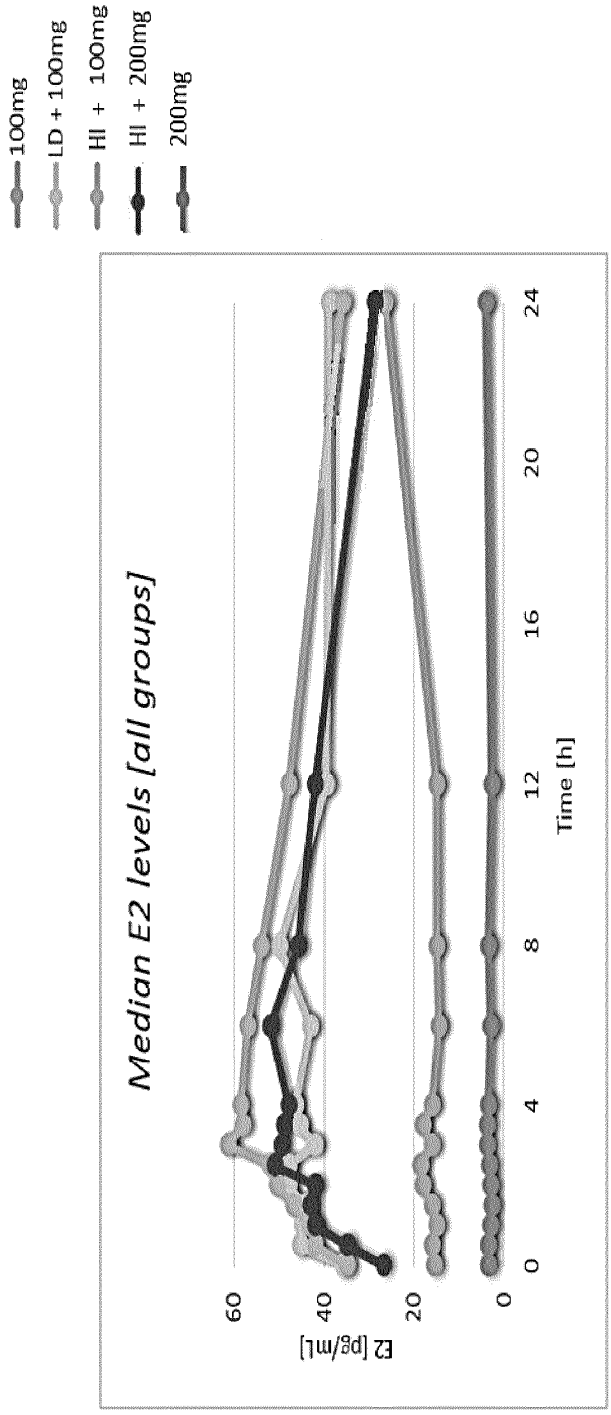

100mg
LD + 100mg
HI + 100mg
HI + 200mg
200mg
Median E2 levels [all groups]
E2 [pg/mL]
0
20
40
60
0
4
8
12
16
20
24
Time [h]

Fig. 12

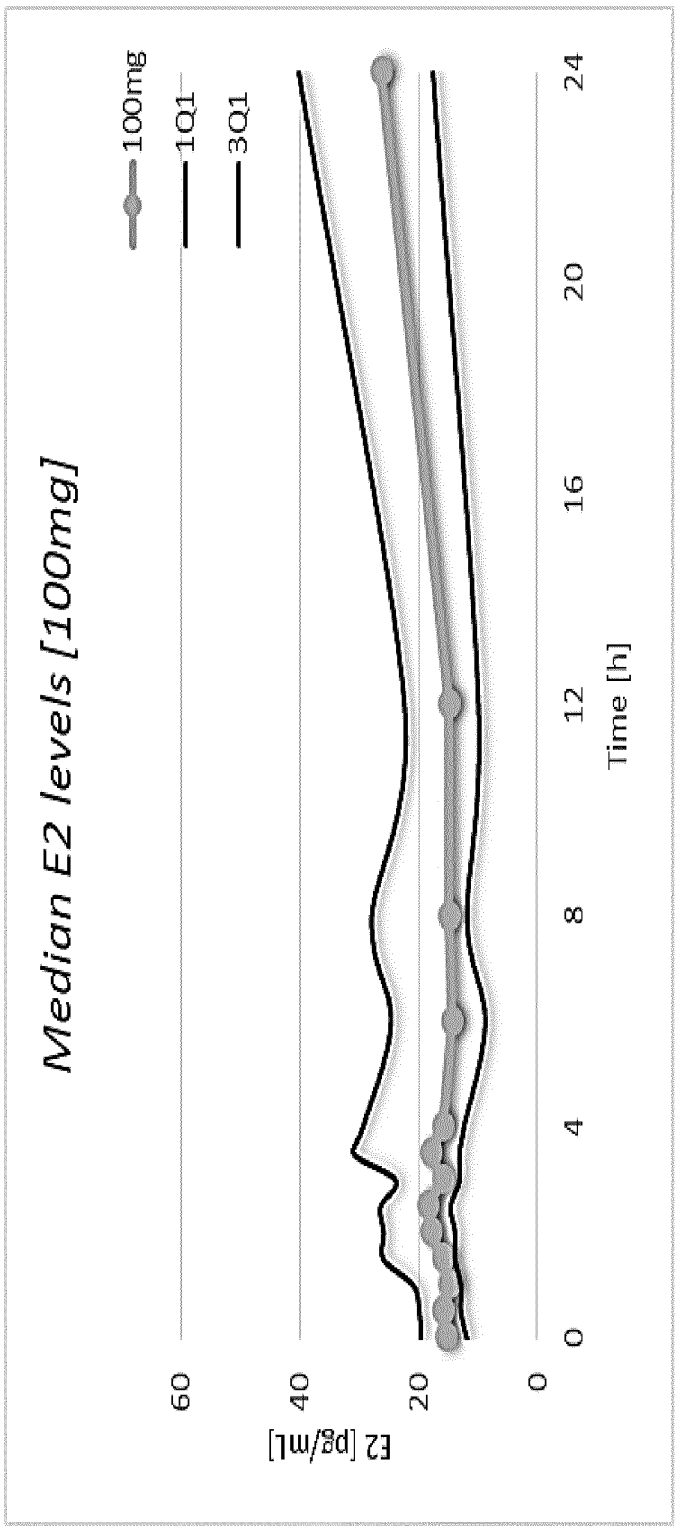

Median E2 levels [100mg]
100mg
1Q1
3Q1
E2 [pg/mL]
60
40
20
0
0
4
8
12
16
20
24
Time [h]

Fig. 13

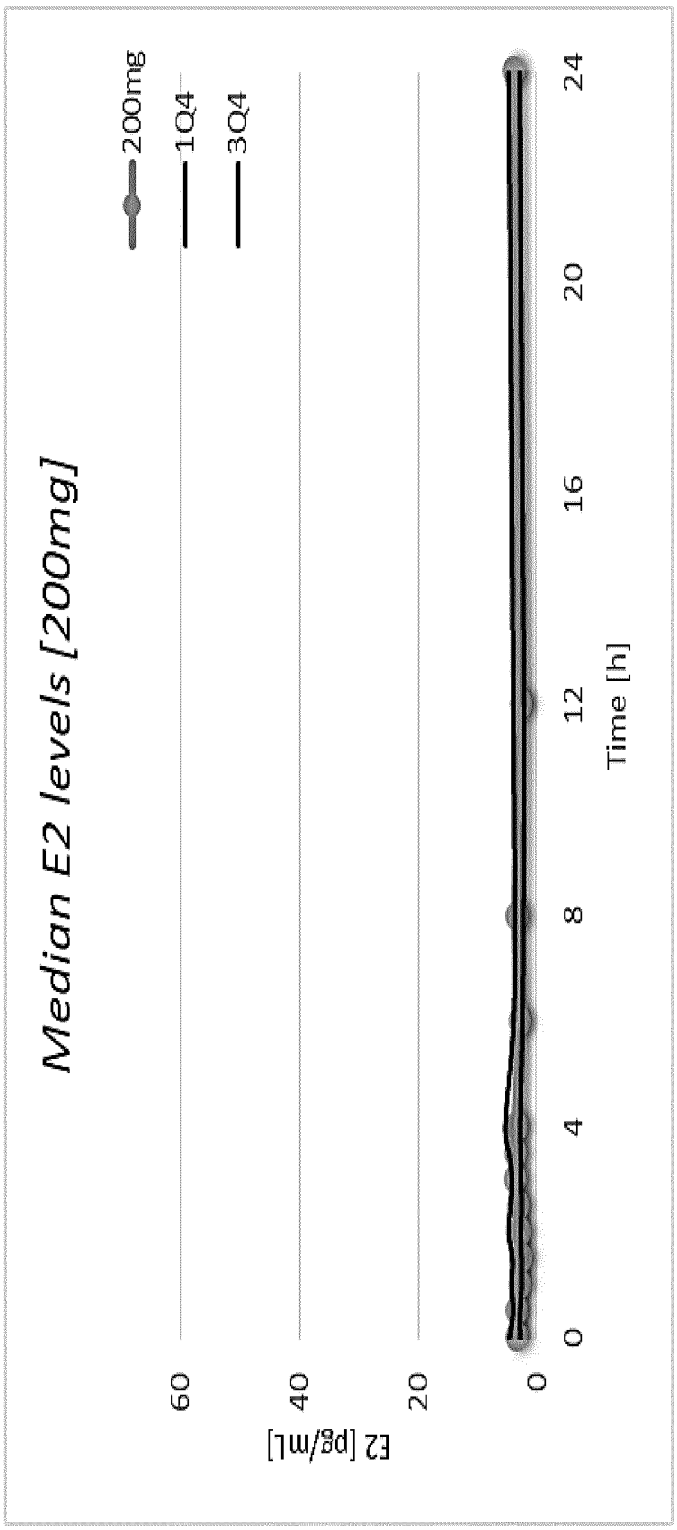

Median E2 levels [200mg]
200mg
1Q4
3Q4
E2 [pg/mL]
60
40
20
0
0
4
8
12
16
20
24
Time [h]

Fig. 14

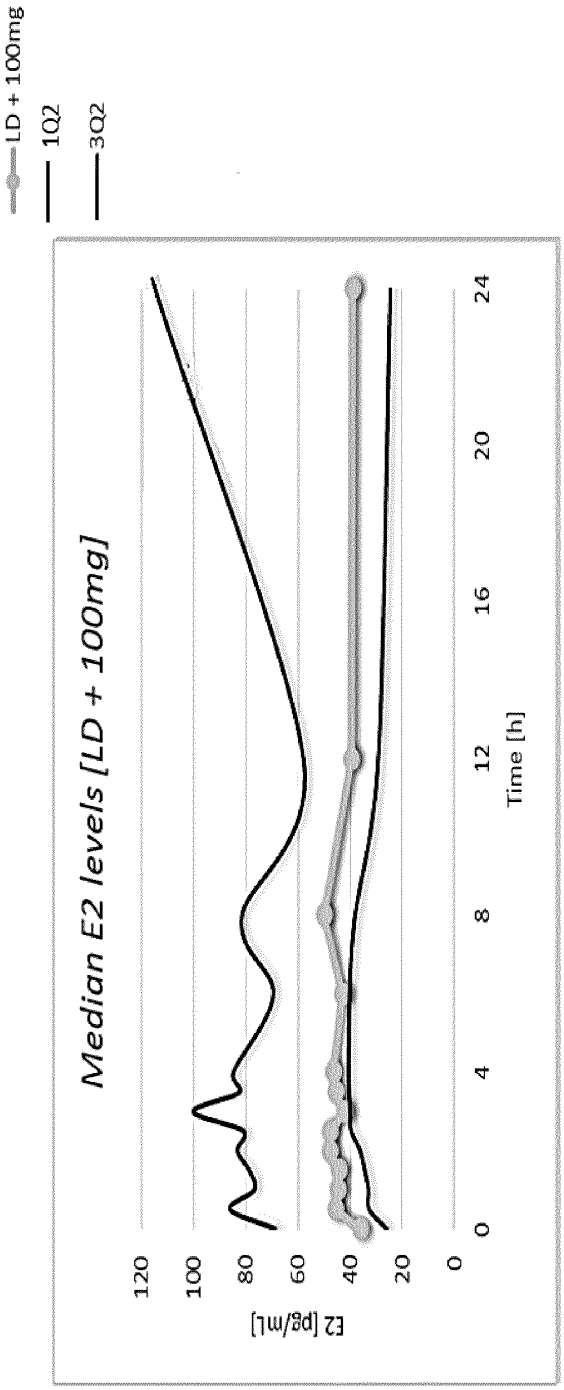

LD + 100mg
1Q2
3Q2
Median E2 levels [LD + 100mg]
E2 [pg/mL]
120
100
80
60
40
20
0
0
4
8
12
16
20
24
Time [h]

Fig. 15

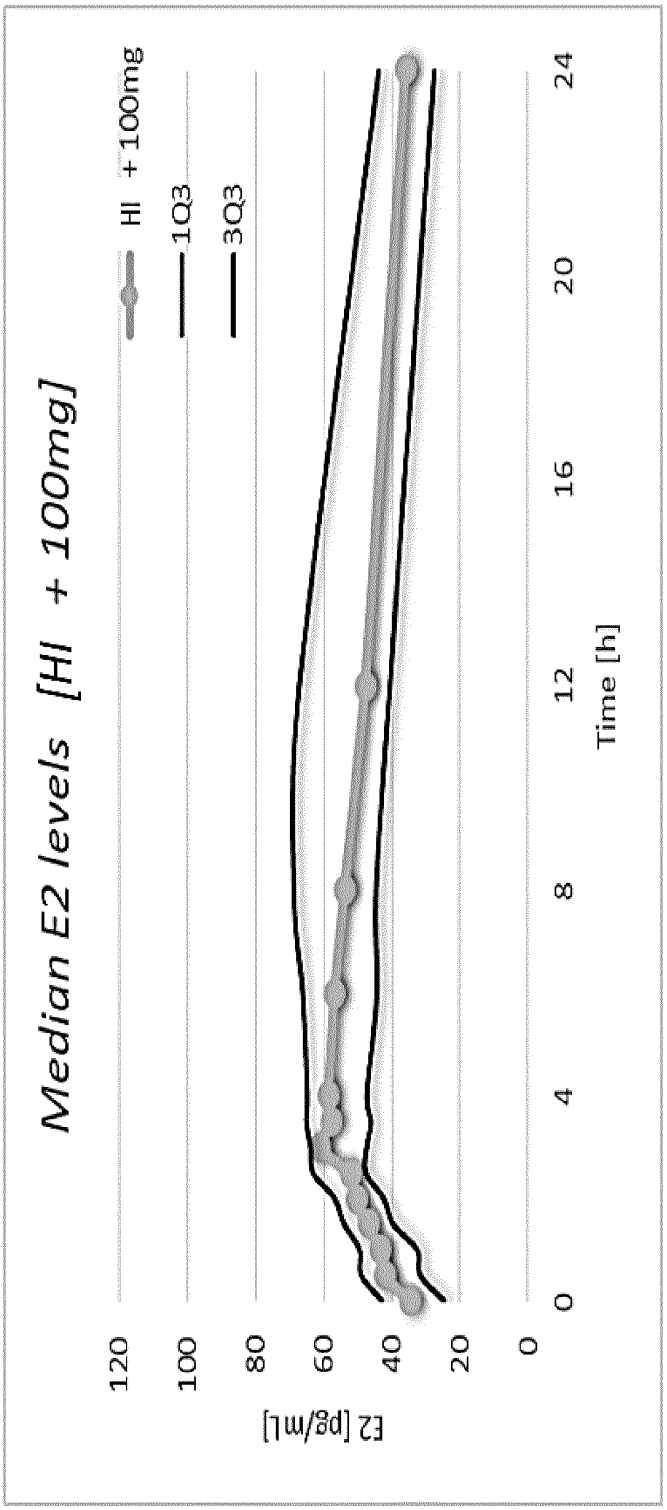

Median E2 levels [HI + 100mg]
HI +100mg
1Q3
3Q3
E2 [pg/mL]
120
100
80
60
40
20
0
0
4
8
12
16
20
24
Time [h]

Fig. 16

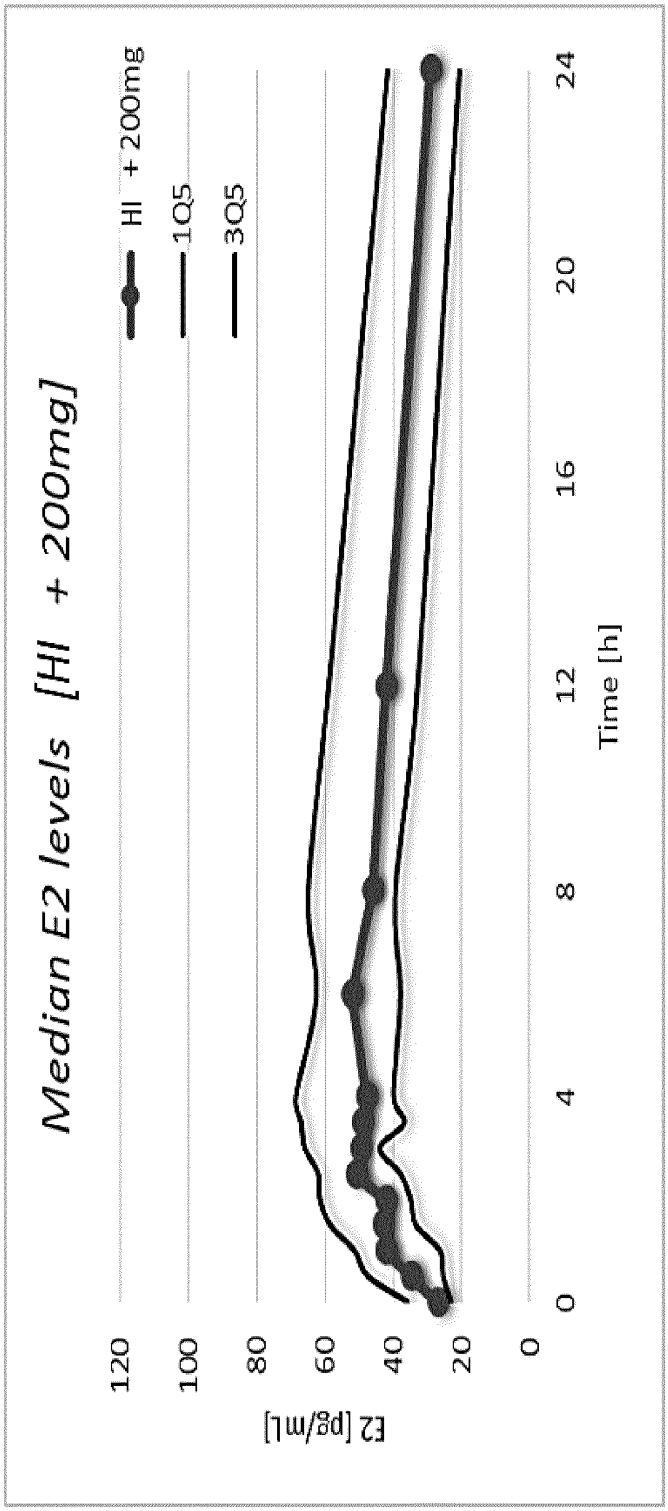

Median E2 levels [HI + 200mg]
HI + 200mg
1Q5
3Q5
E2 [pg/mL]
120
100
80
60
40
20
0
0
4
8
12
16
20
24
Time [h]

Fig. 17

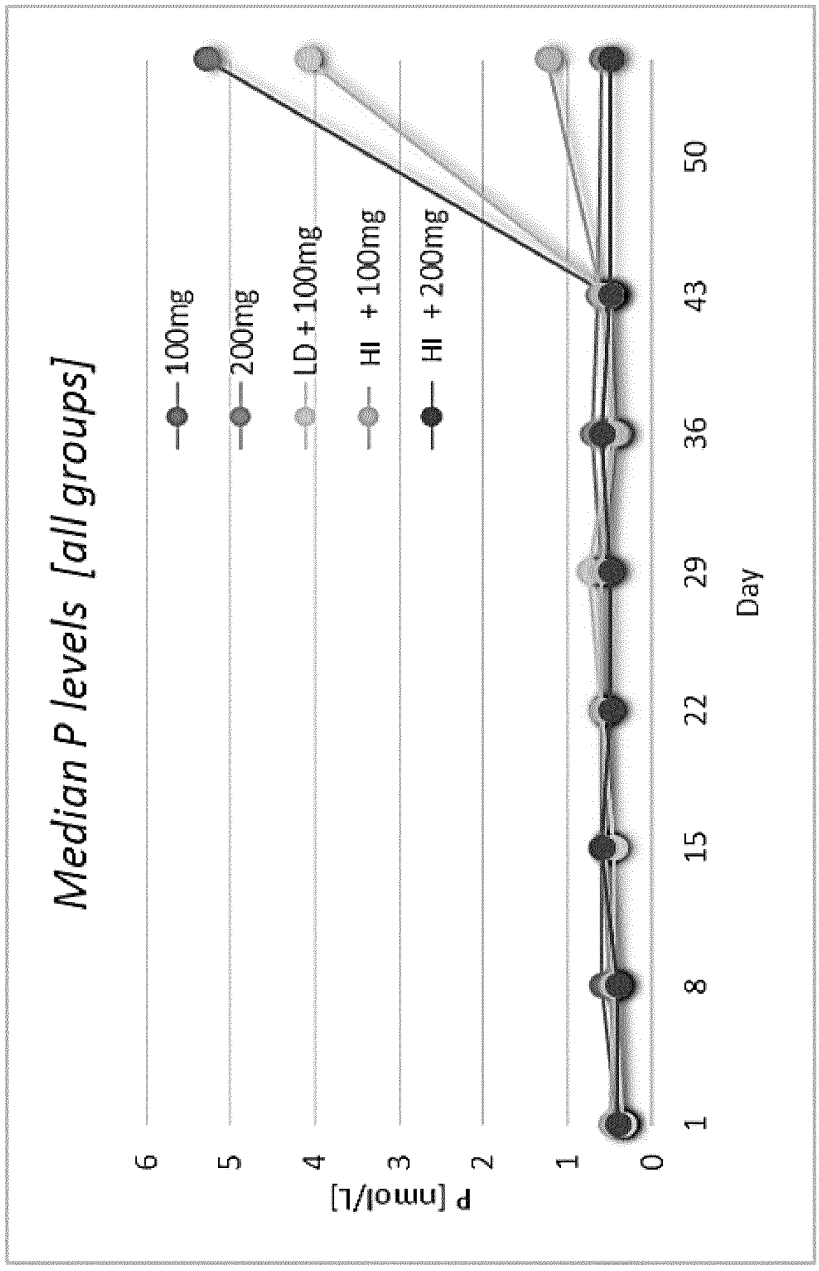

Median P levels [all groups]
100mg
200mg
LD + 100mg
HI + 100mg
HI + 200mg
P [mmol/L]
0
1
2
3
4
5
6
1
8
15
22
29
36
43
50
Day

Fig. 18

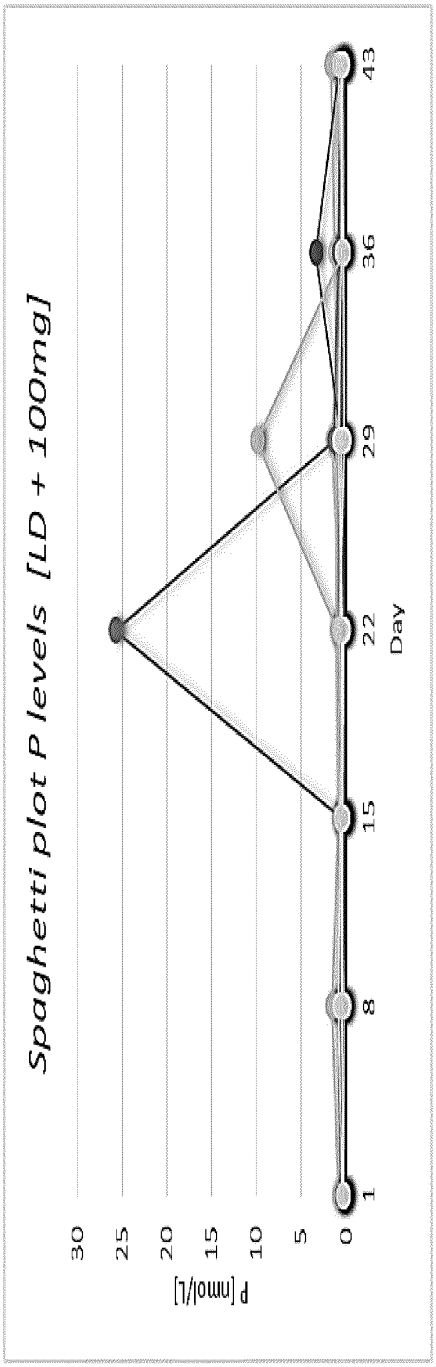


Fig. 19A

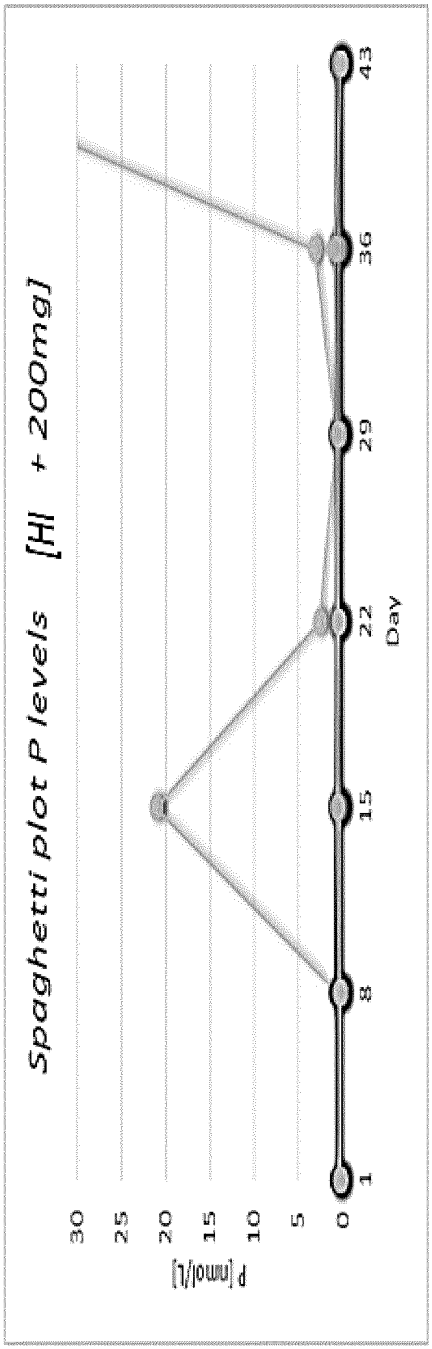


Fig. 19B

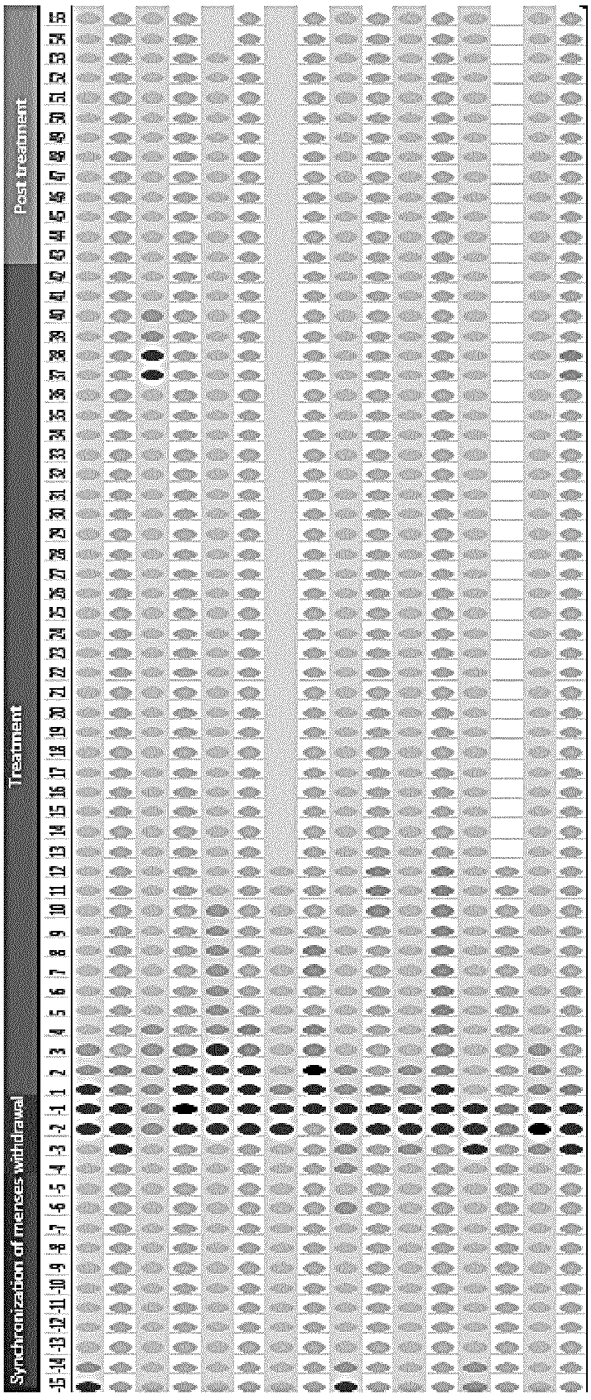

Synchronization of menses withdrawal
Treatment
Post treatment

Fig. 20

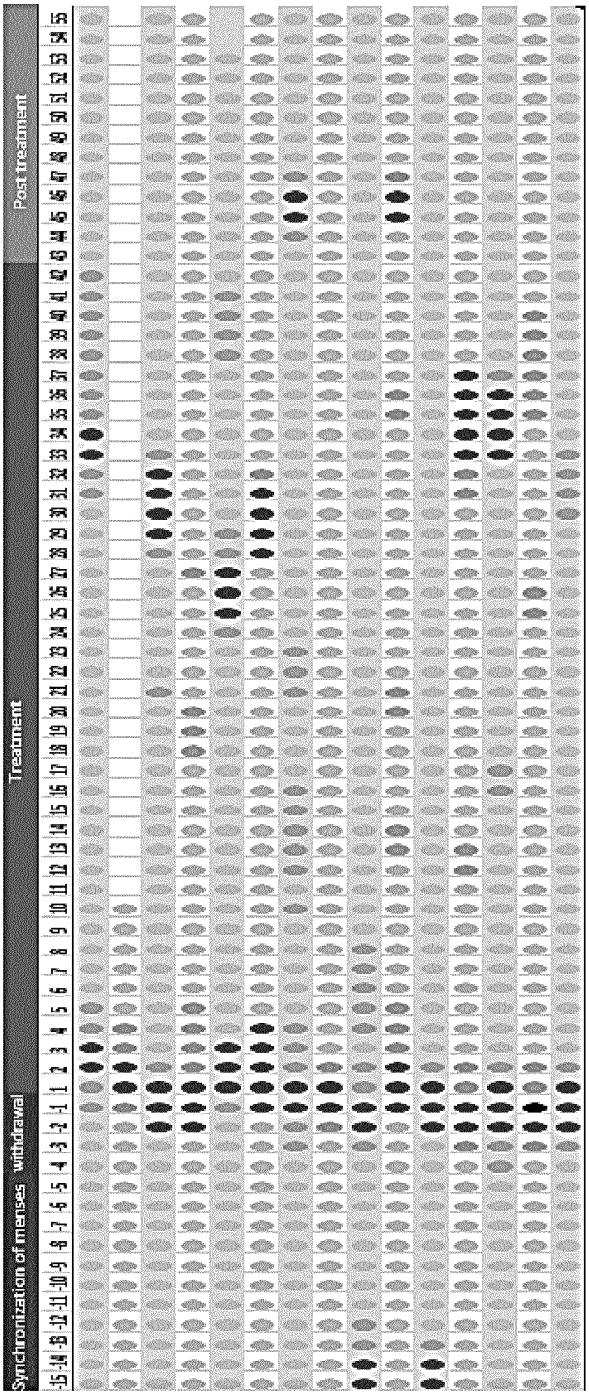

Synchronization of menses withdrawal
Treatment
Post treatment

Fig. 21

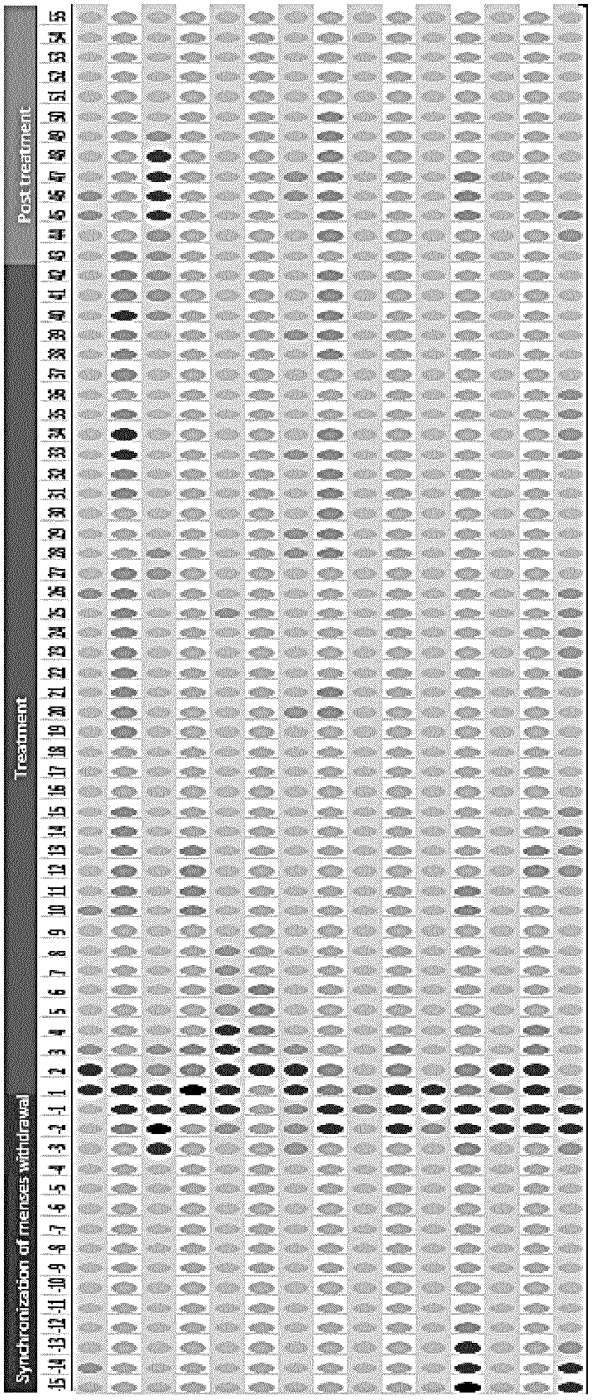

Synchronization of menses withdrawal
Treatment
Post treatment
-15 -14 -13 -12 -11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55

Fig. 22

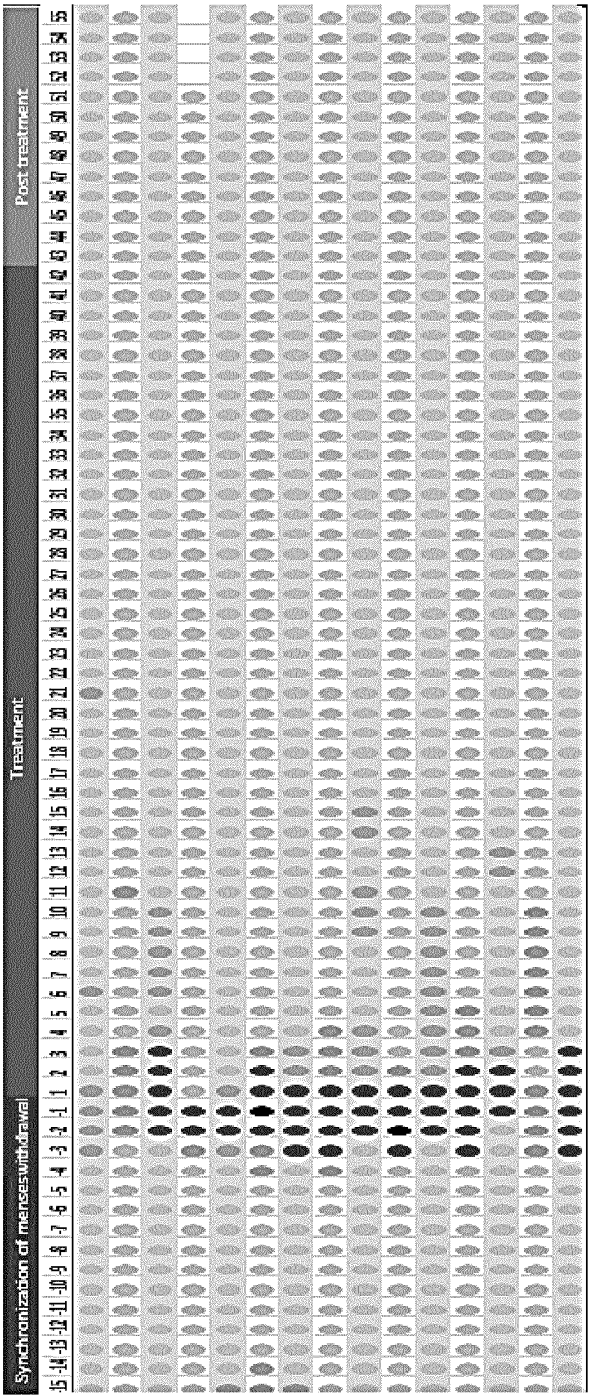

Synchronization of menseswithdrawal
Treatment
Post-treatment

Fig. 23

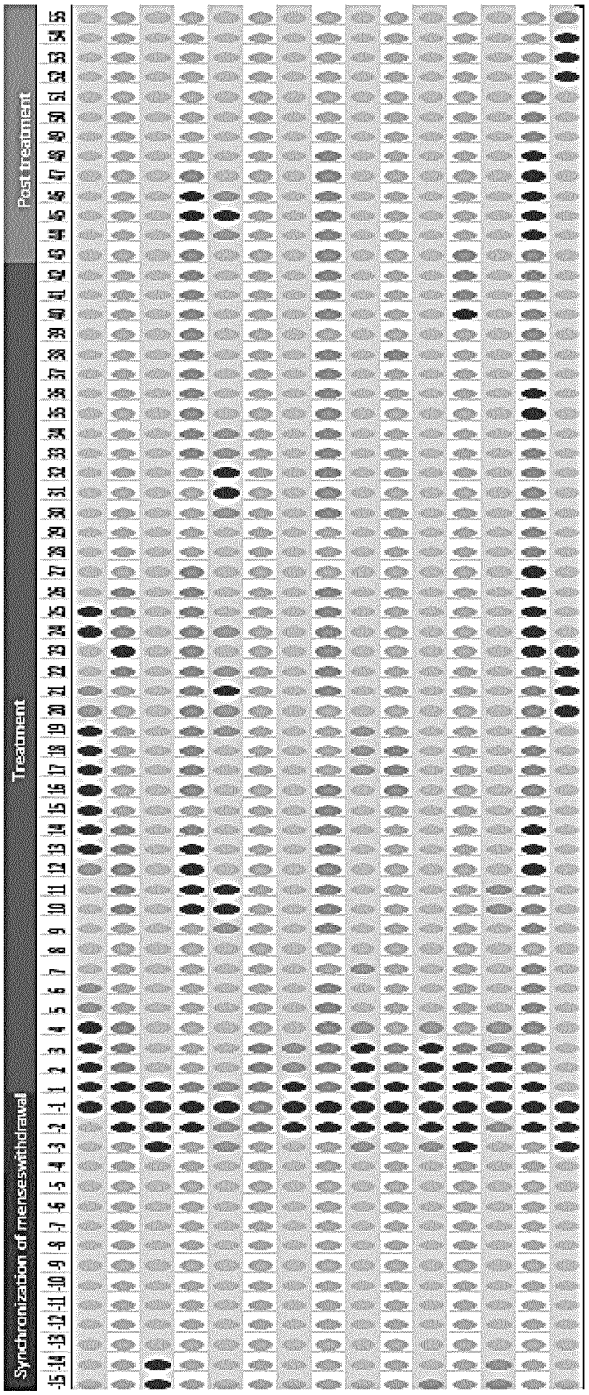

Synchronization of menseswithdrawal
Treatment
Post treatment

Fig. 24

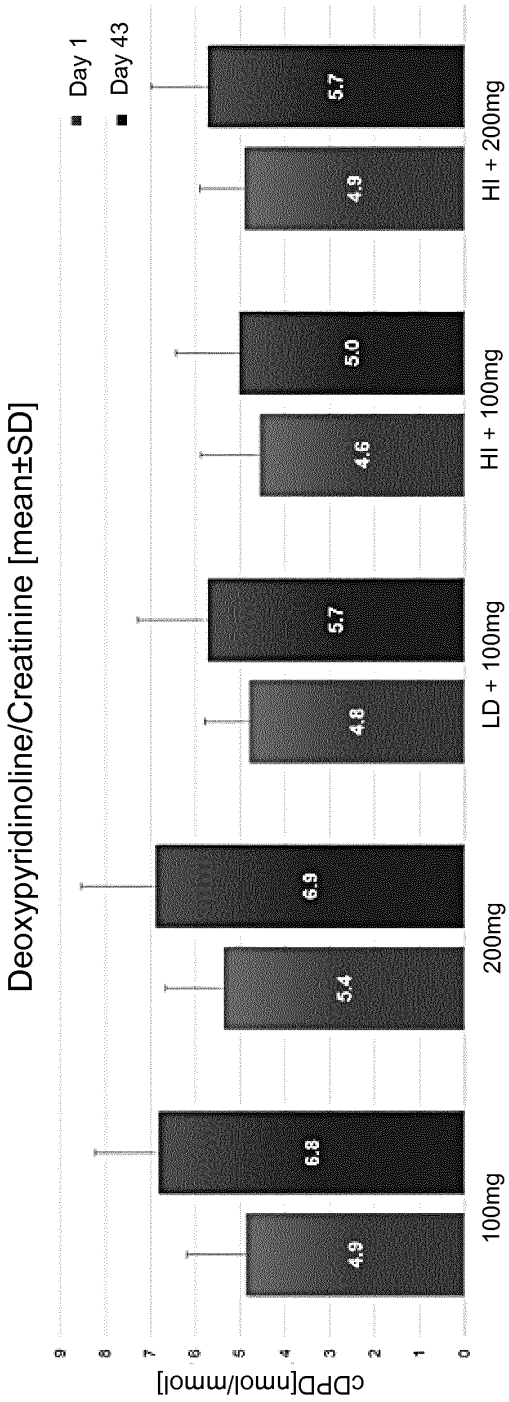

Deoxypyridinoline/Creatinine [mean±SD]
Day 1
Day 43
cDPD[nmol/mmol]
0
1
2
3
4
5
6
7
8
9
4.9
6.8
5.4
6.9
4.8
5.7
4.6
5.0
4.9
5.7
100mg
200mg
LD + 100mg
HI + 100mg
HI + 200mg

Fig. 25

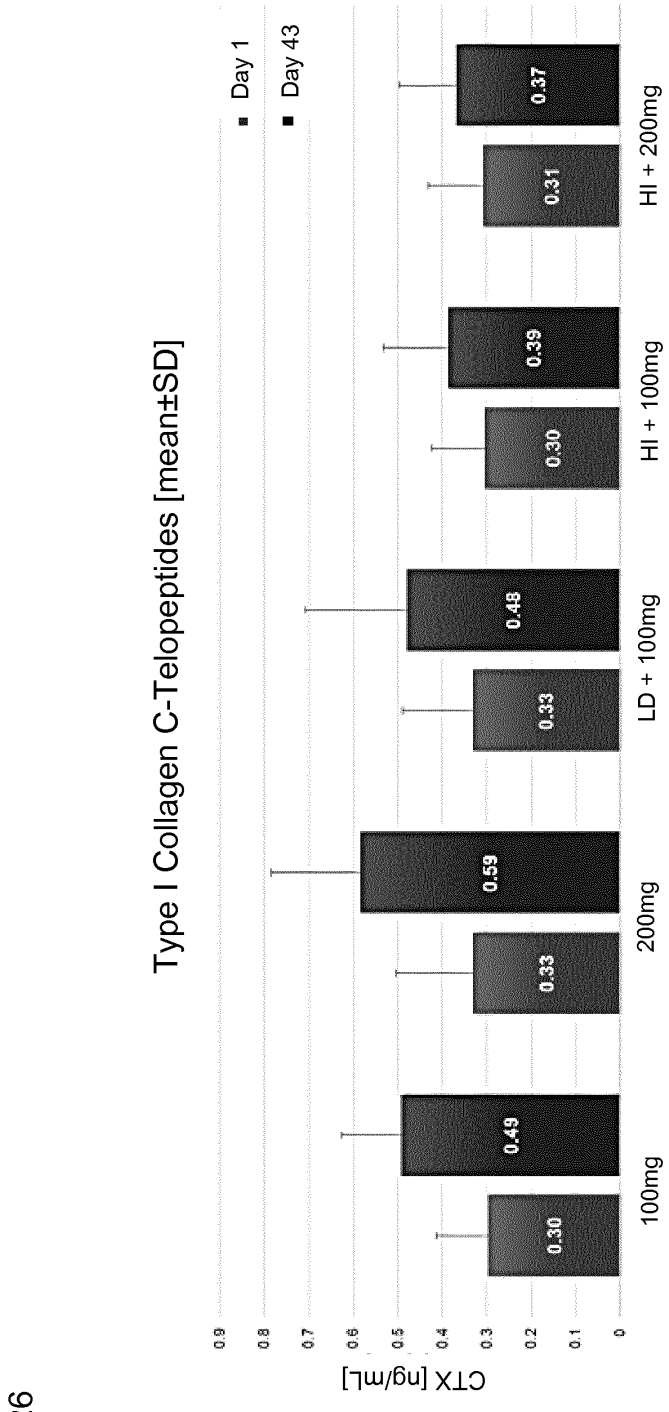

Type I Collagen C-Telopeptides [mean±SD]
Day 1
Day 43
CTX [ng/mL]
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
0.30
0.49
0.33
0.59
0.33
0.48
0.30
0.39
0.31
0.37
100mg
200mg
LD + 100mg
HI + 100mg
HI + 200mg

Fig. 26

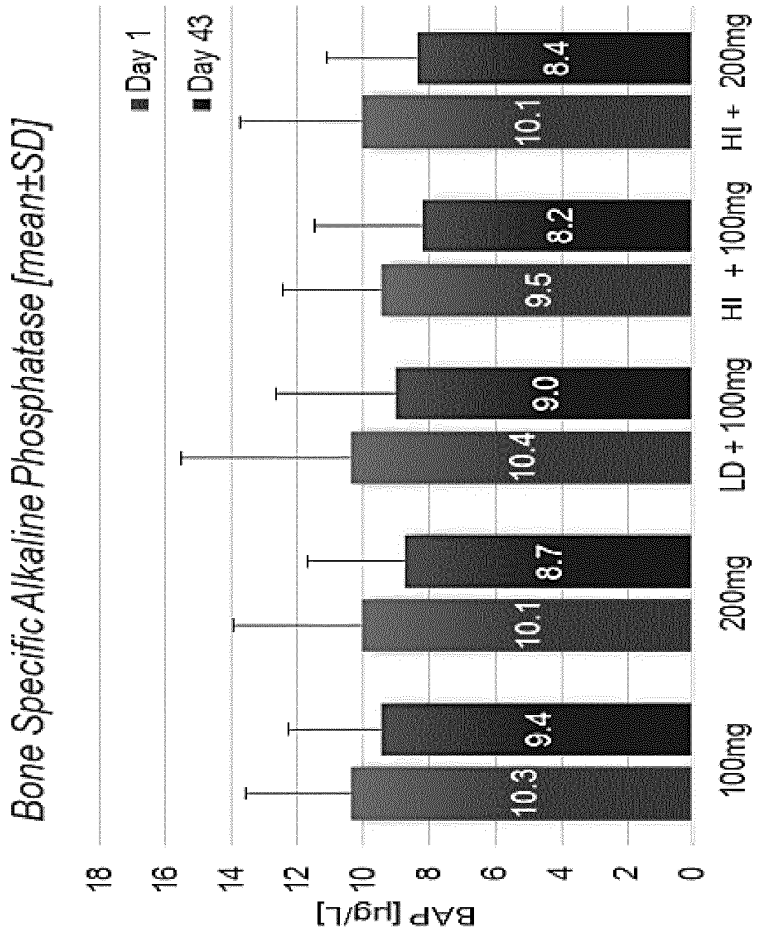

Bone Specific Alkaline Phosphatase [mean±SD]
Day 1
Day 43
BAP [µg/L]
0
2
4
6
8
10
12
14
16
18
10.3
9.4
10.1
8.7
10.4
9.0
9.5
8.2
10.1
8.4
100mg
200mg
LD + 100mg
HI + 100mg
HI + 200mg

Fig. 27

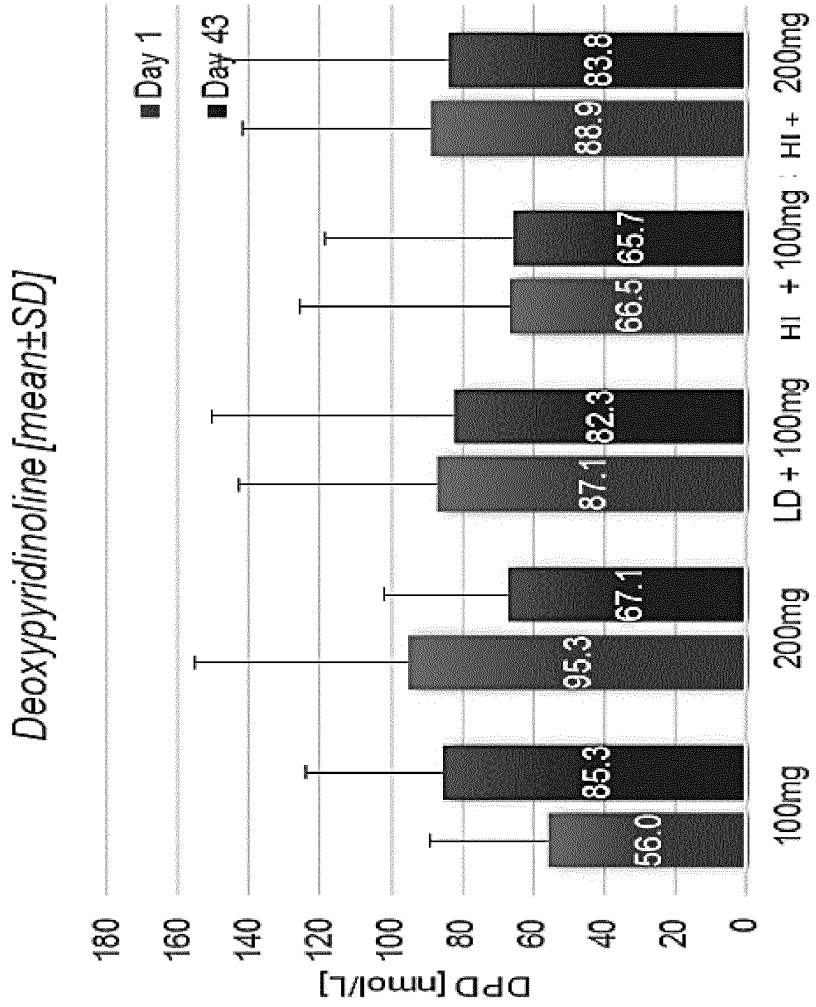

Deoxypyridinoline [mean±SD]
Day 1
Day 43
DPD [nmol/L]
180
160
140
120
100
80
60
40
20
0
56.0
85.3
95.3
67.1
87.1
82.3
66.5
65.7
88.9
83.8
100mg
200mg
LD + 100mg
HI + 100mg
HI + 200mg

Fig. 28

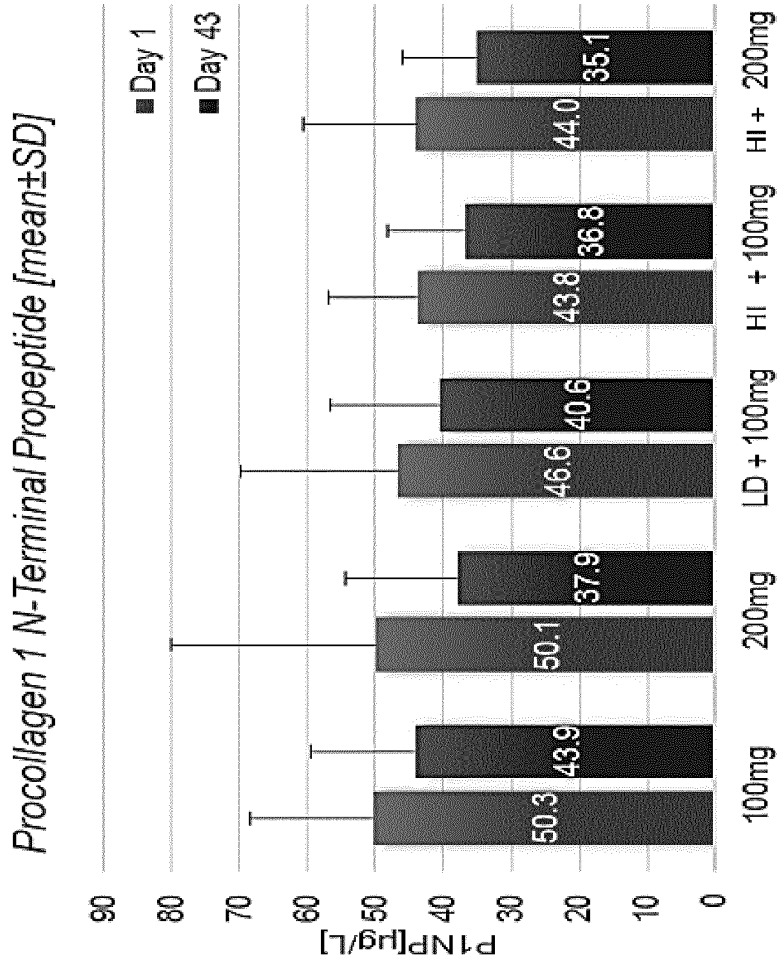

Procollagen 1 N-Terminal Propeptide [mean±SD]
Day 1
Day 43
P1NP[µg/L]
0
10
20
30
40
50
60
70
80
90
50.3
43.9
50.1
37.9
46.6
40.6
43.8
36.8
44.0
35.1
100mg
200mg
LD + 100mg
HI + 100mg
HI + 200mg

Fig. 29

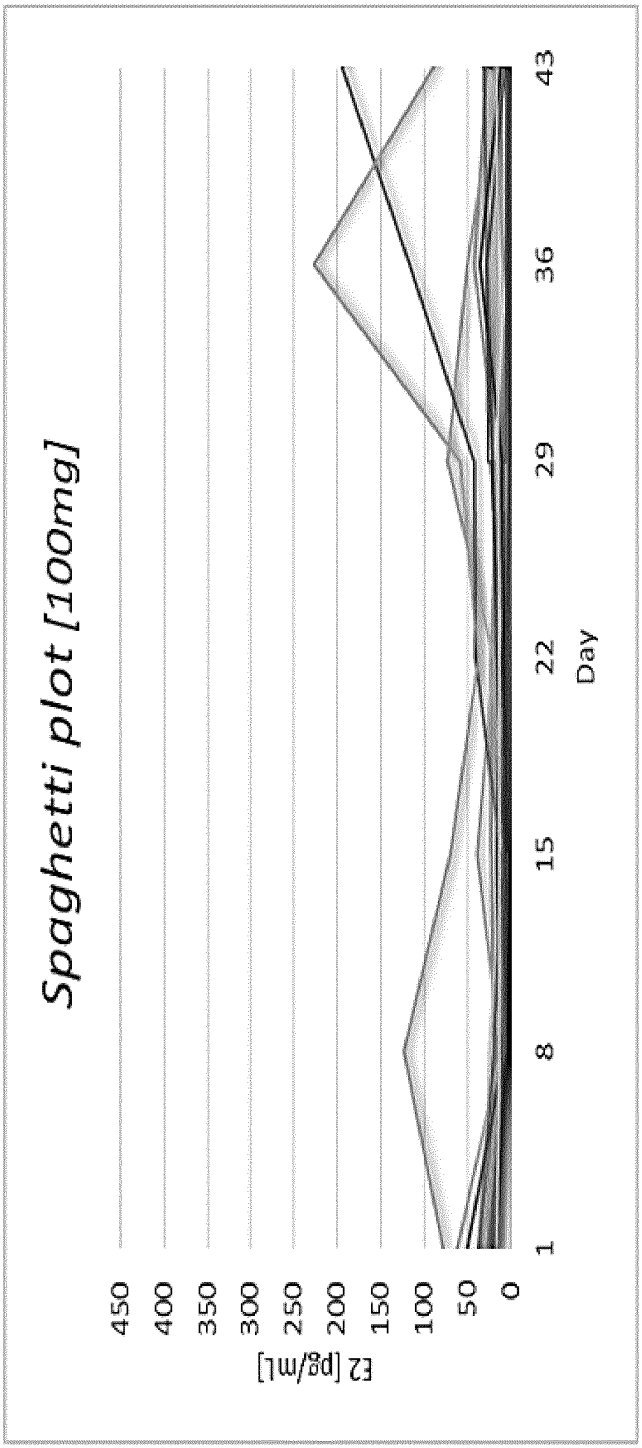

Spaghetti plot [100mg]
E2 [pg/mL]
450
400
350
300
250
200
150
100
50
0
1
8
15
22
29
36
43
Day

Fig. 30

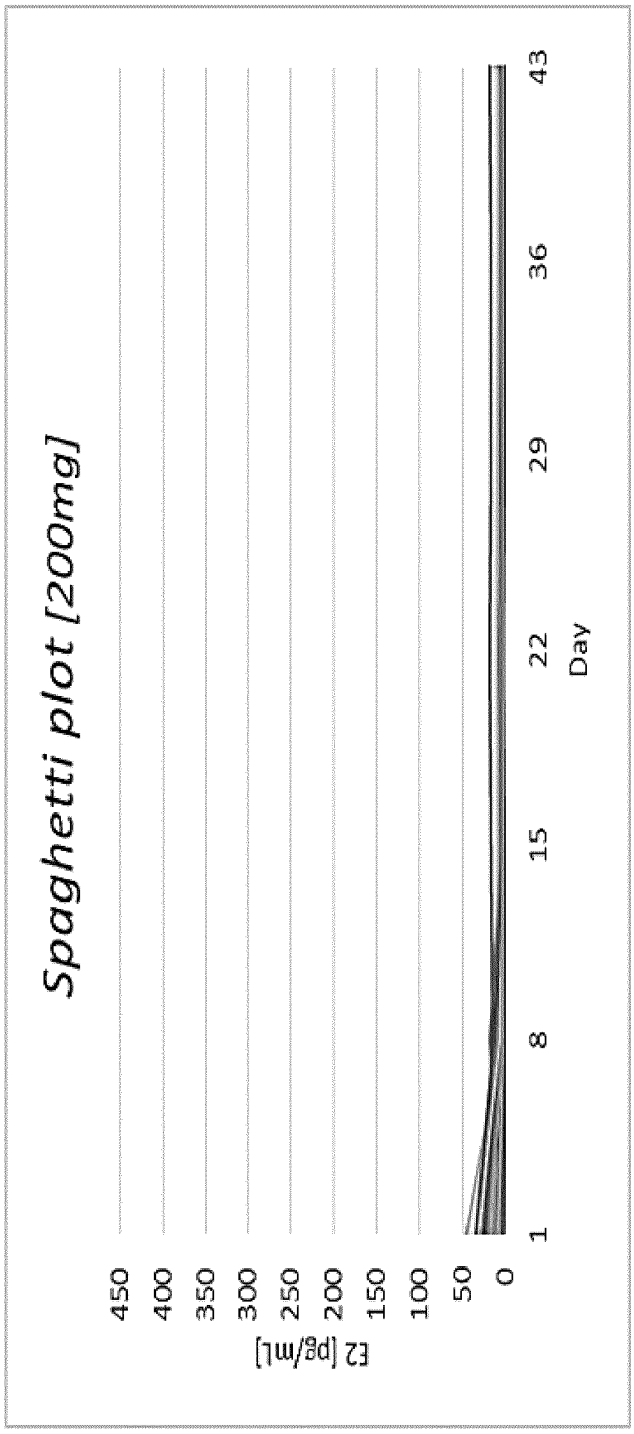

Spaghetti plot [200mg]
E2 [pg/mL]
450
400
350
300
250
200
150
100
50
0
1
8
15
22
29
36
43
Day

Fig. 31

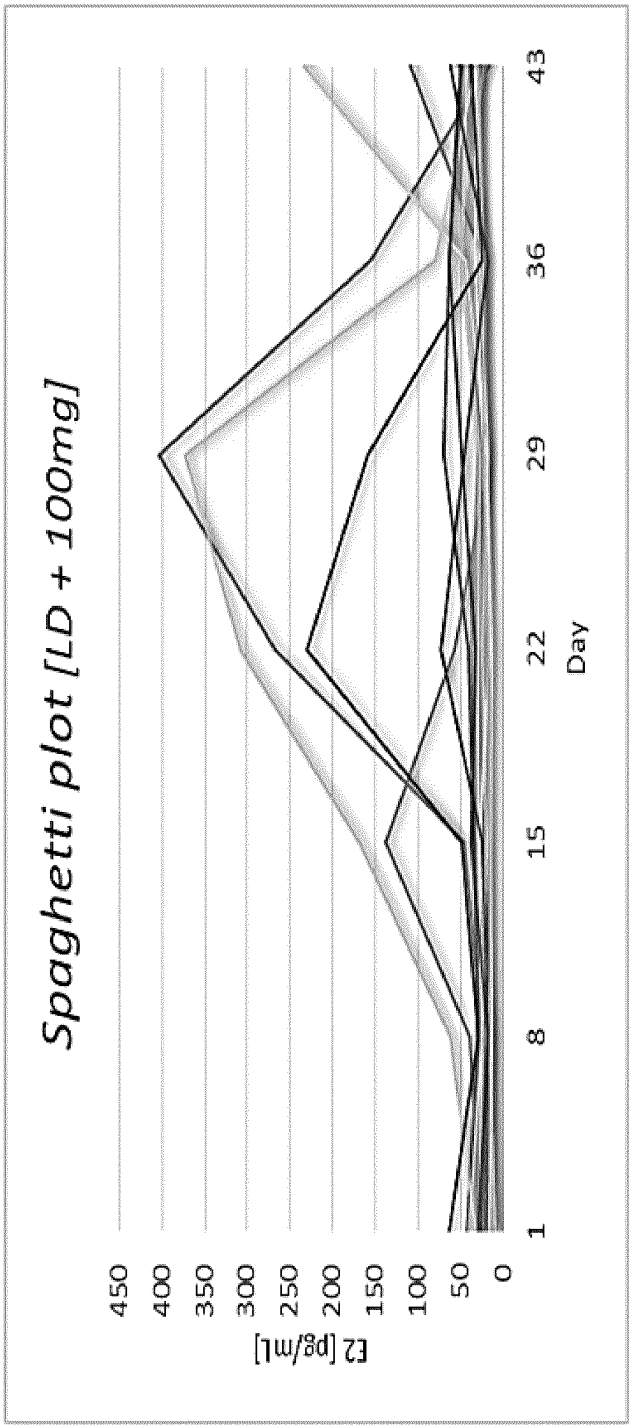

Spaghetti plot [LD + 100mg]
E2 [pg/mL]
450
400
350
300
250
200
150
100
50
0
1
8
15
22
29
36
43
Day

Fig. 32

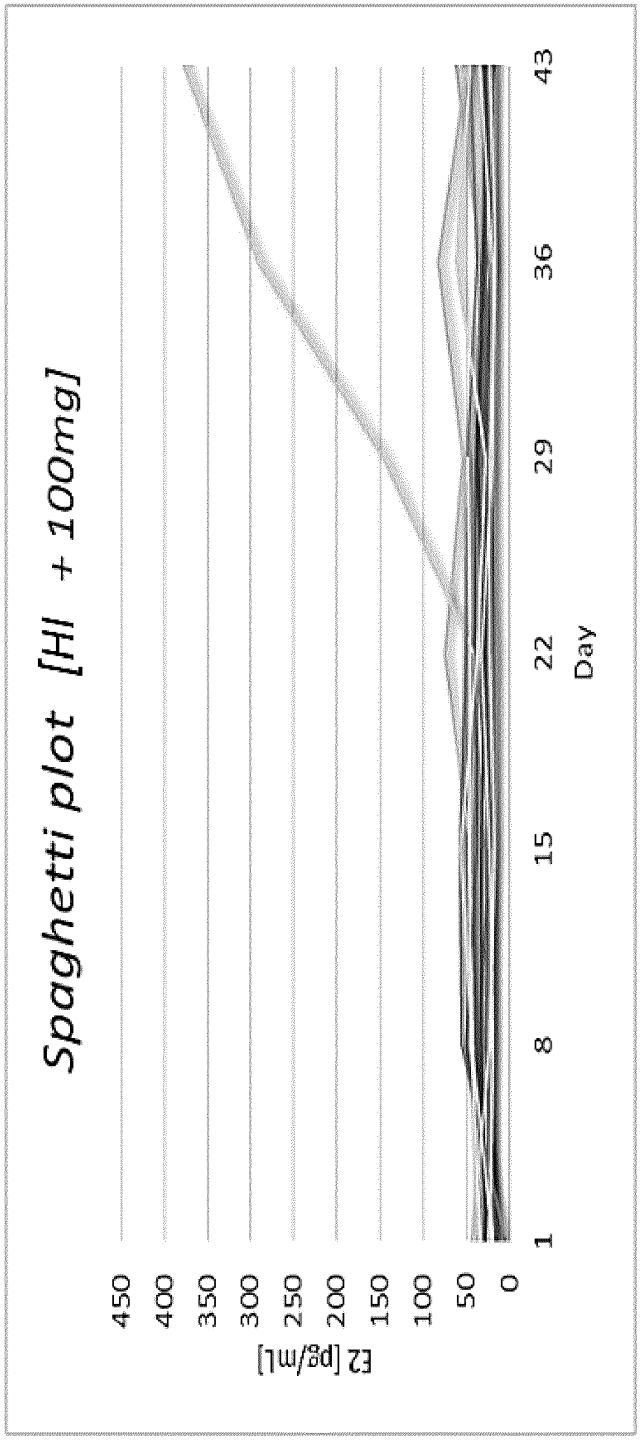

Spaghetti plot [HI + 100mg]
E2 [pg/mL]
450
400
350
300
250
200
150
100
50
0
1
8
15
22
29
36
43
Day

Fig. 33

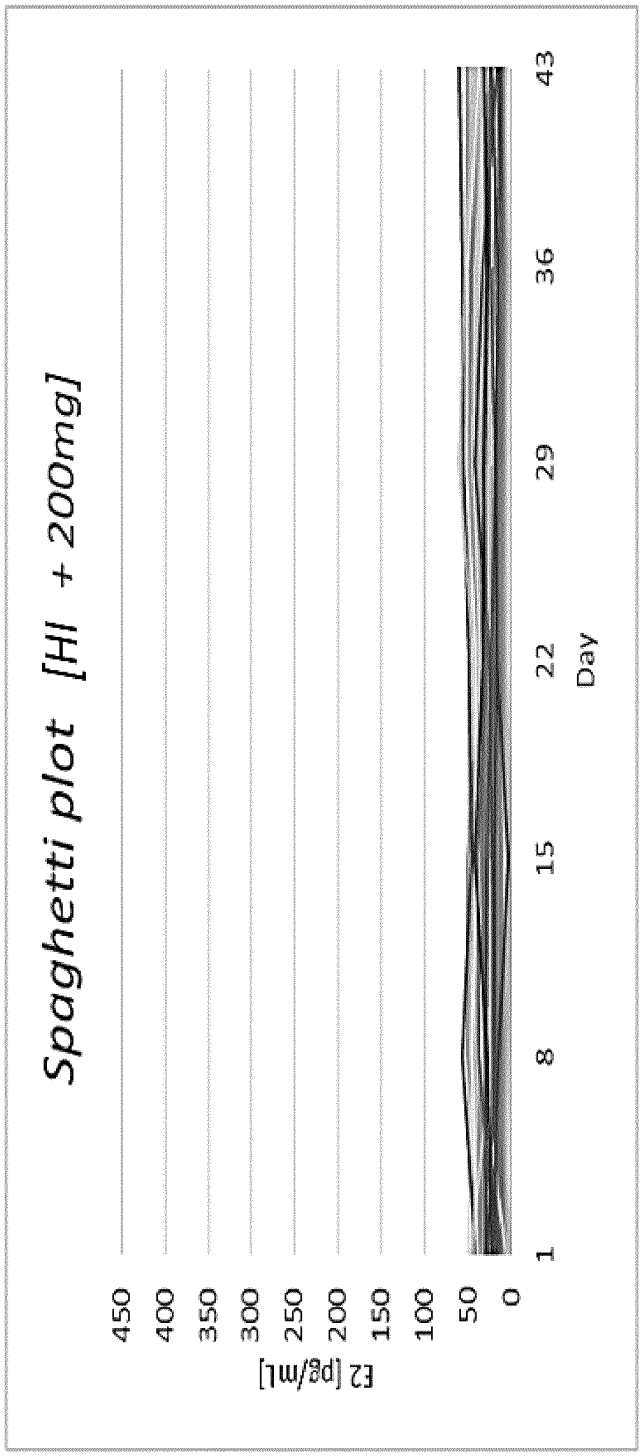

Spaghetti plot [HI + 200mg]
E2 [pg/mL]
450
400
350
300
250
200
150
100
50
0
1
8
15
22
29
36
43
Day

Fig. 34