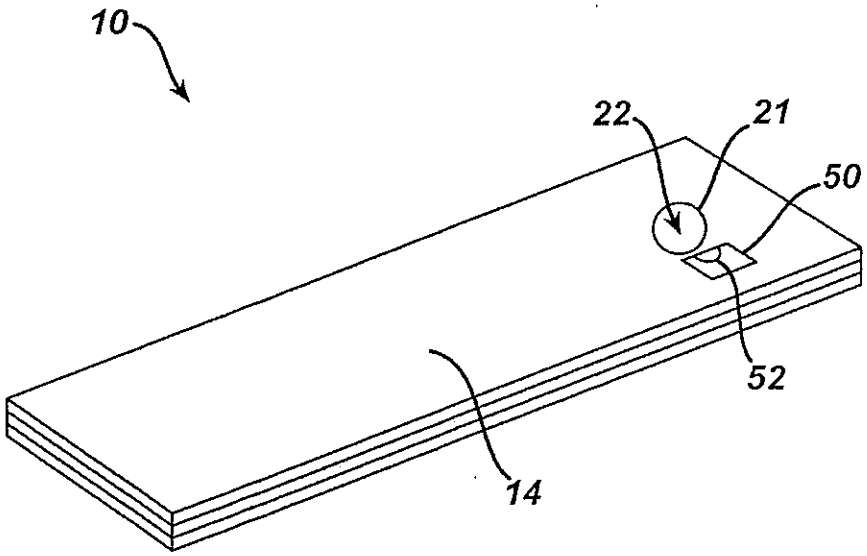


FIG. 1

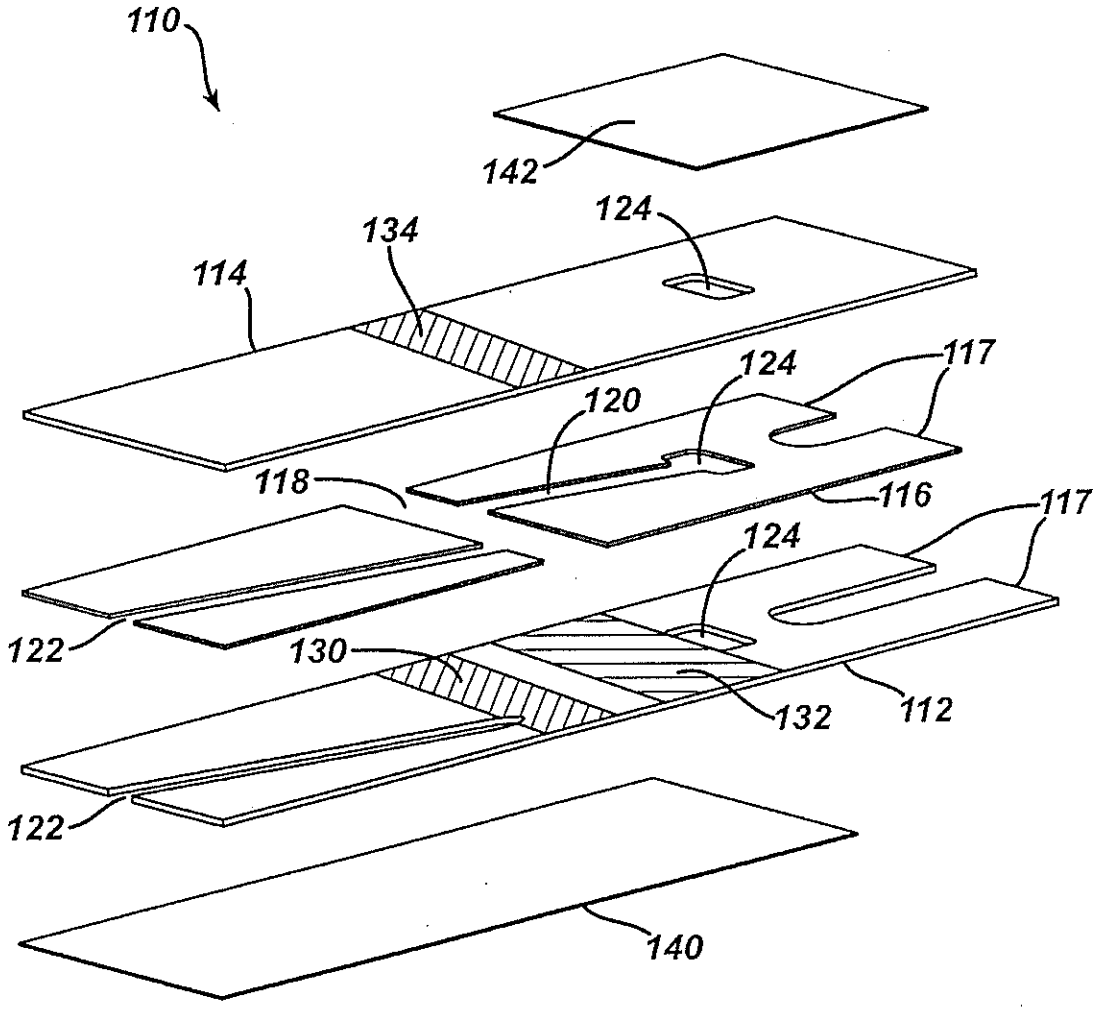

110
142
124
134
114
124
117
120
118
116
117
124
122
130
132
112
122
140

FIG. 2

FIG. 3

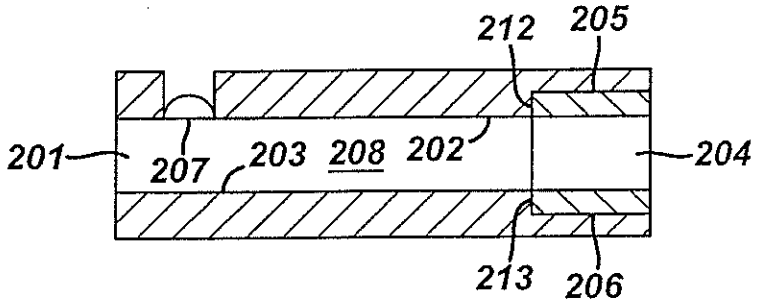


FIG. 4

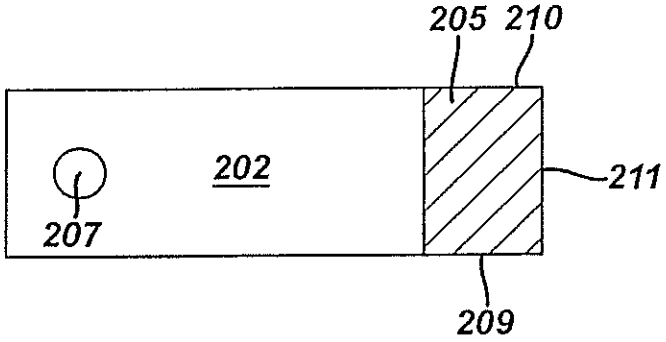


FIG. 5

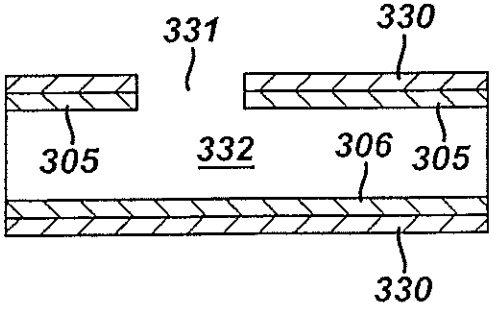


FIG. 6

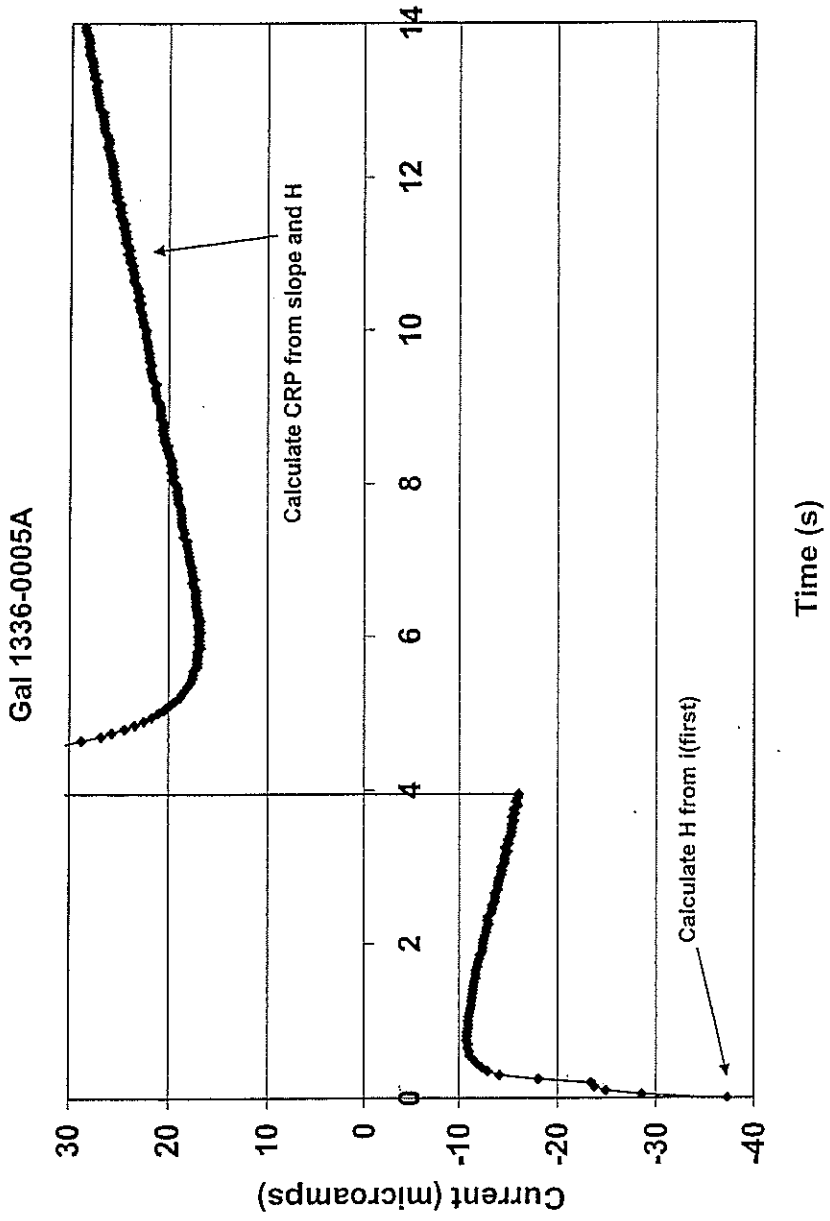

Gal 1336-0005A
Calculate CRP from slope and H
Calculate H from i(first)
Current (microamps)
Time (s)
30
20
10
0
-10
-20
-30
-40
0
2
4
6
8
10
12
14

FIG. 7

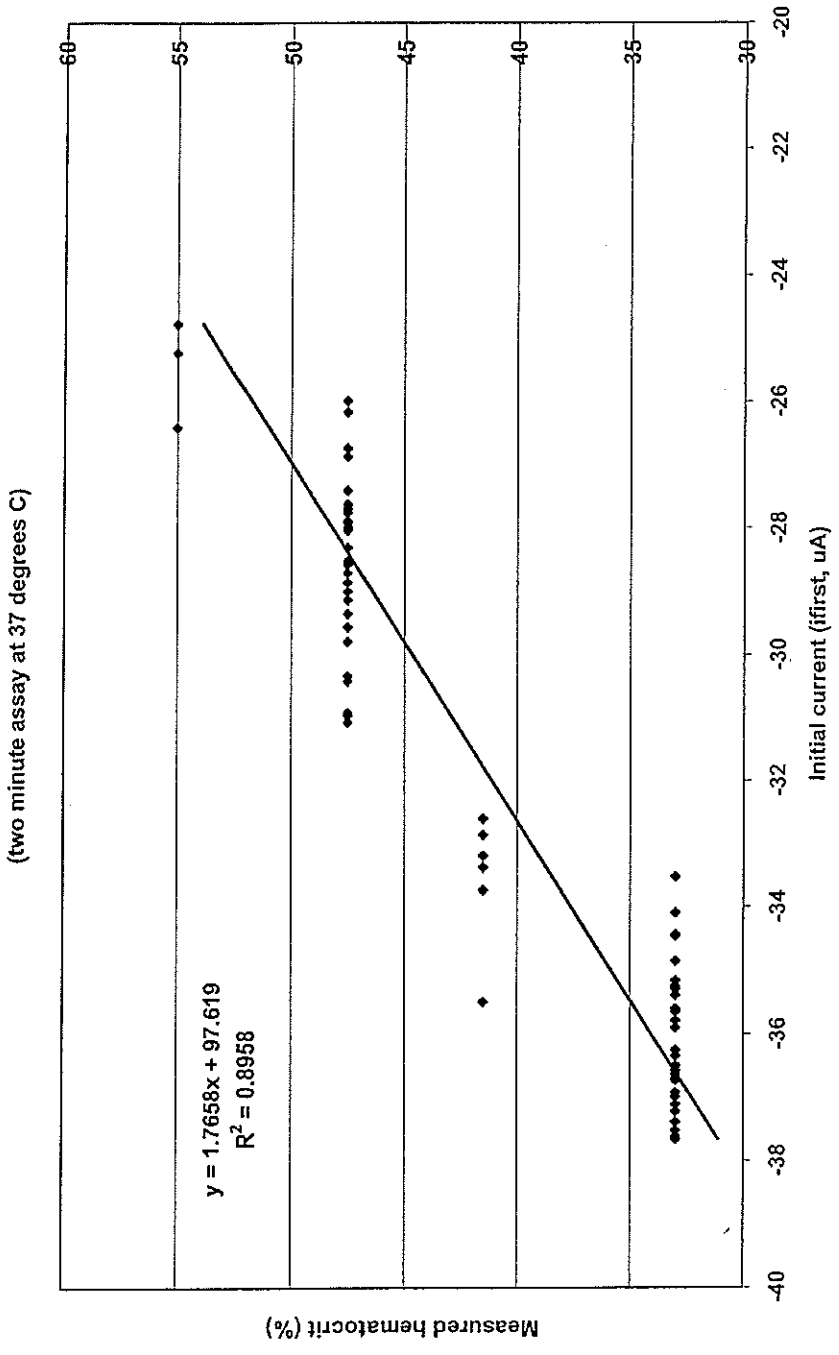

Gal 1336
(two minute assay at 37 degrees C)
y = 1.7658x + 97.619
R2 = 0.8958
Measured hematocrit (%)
Initial current (ifirst, uA)
60
55
50
45
40
35
30
-40
-38
-36
-34
-32
-30
-28
-26
-24
-22
-20

FIG. 8

Gal 1336
(two minute assay at 37 degrees C)

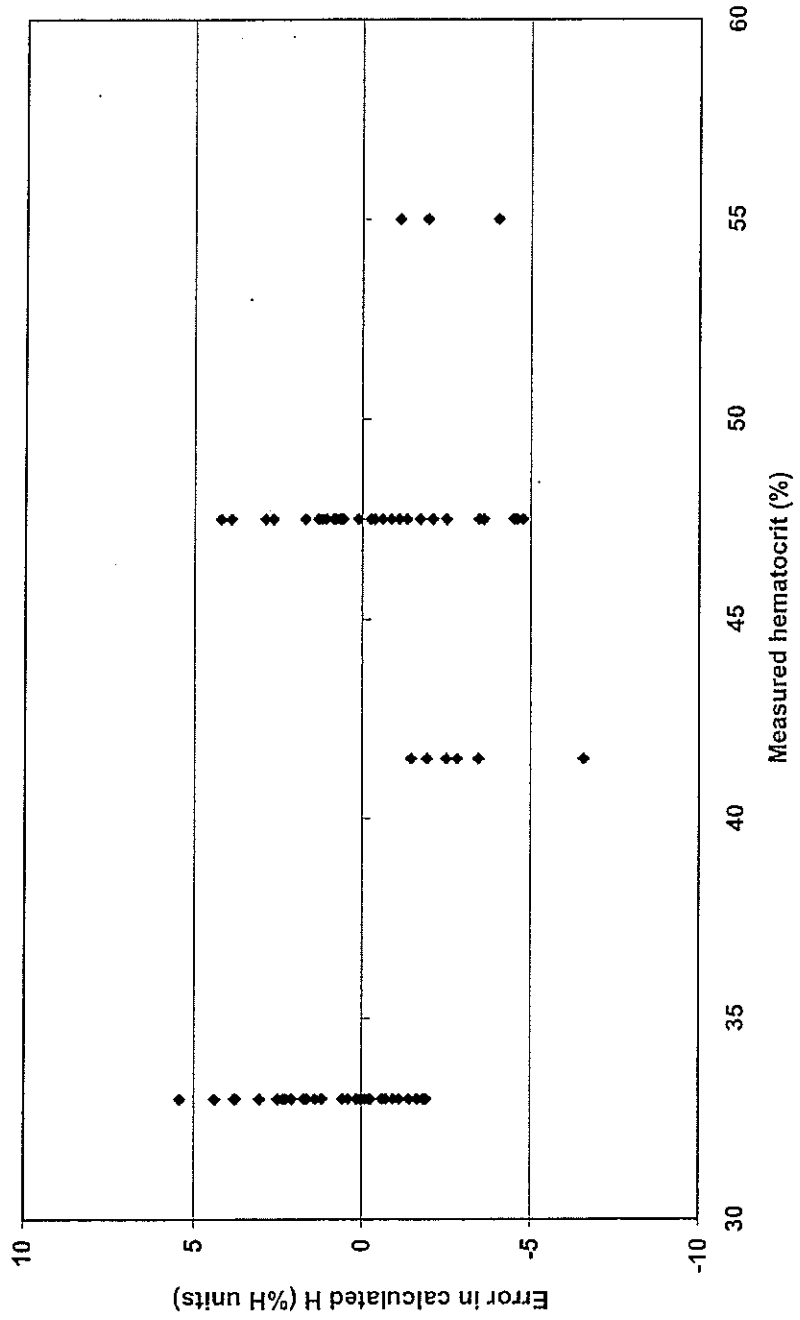


FIG. 9

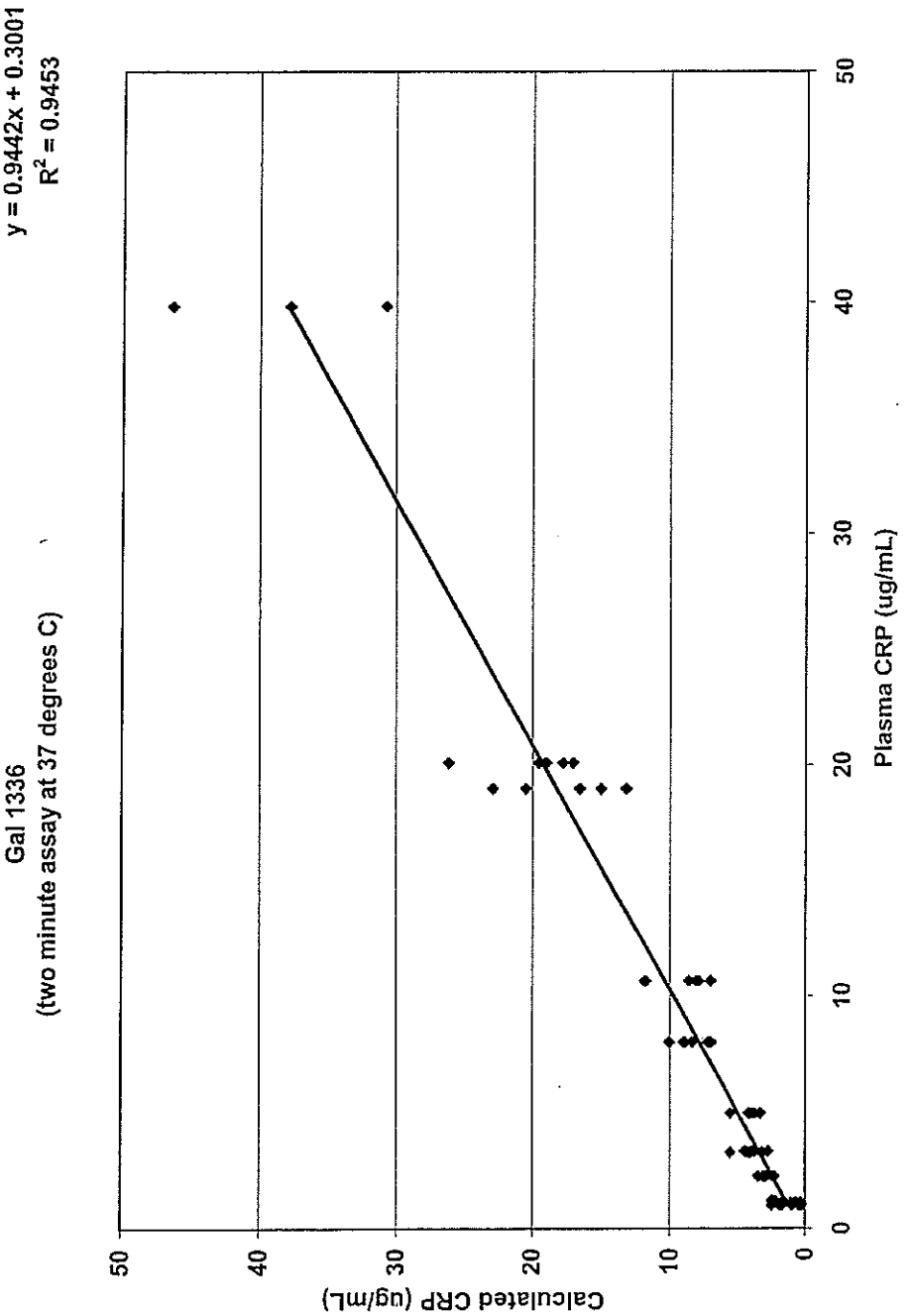

y = 0.9442x + 0.3001
R2 = 0.9453
Gal 1336
(two minute assay at 37 degrees C)
Calculated CRP (ug/mL)
Plasma CRP (ug/mL)
0
10
20
30
40
50

FIG. 10

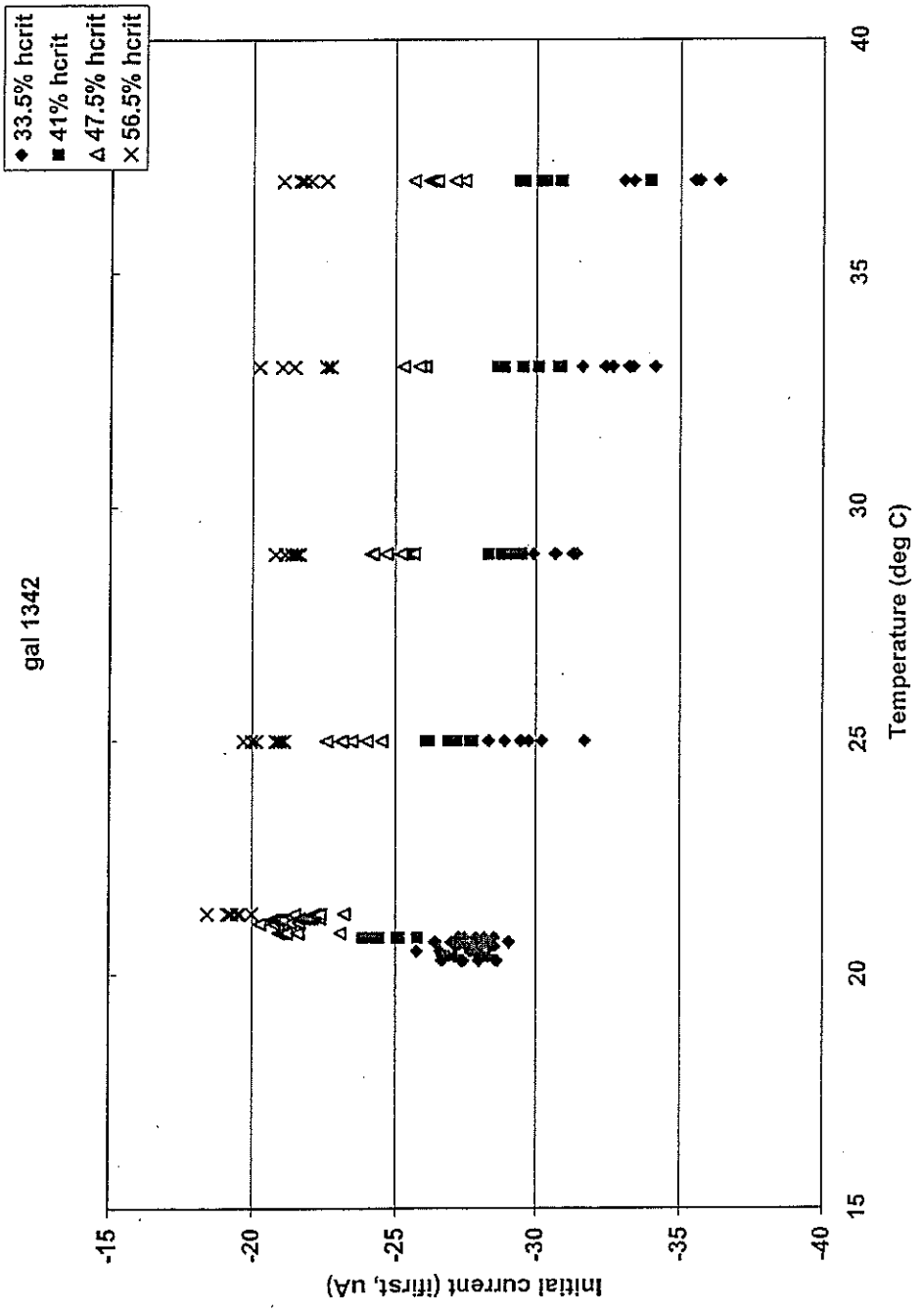
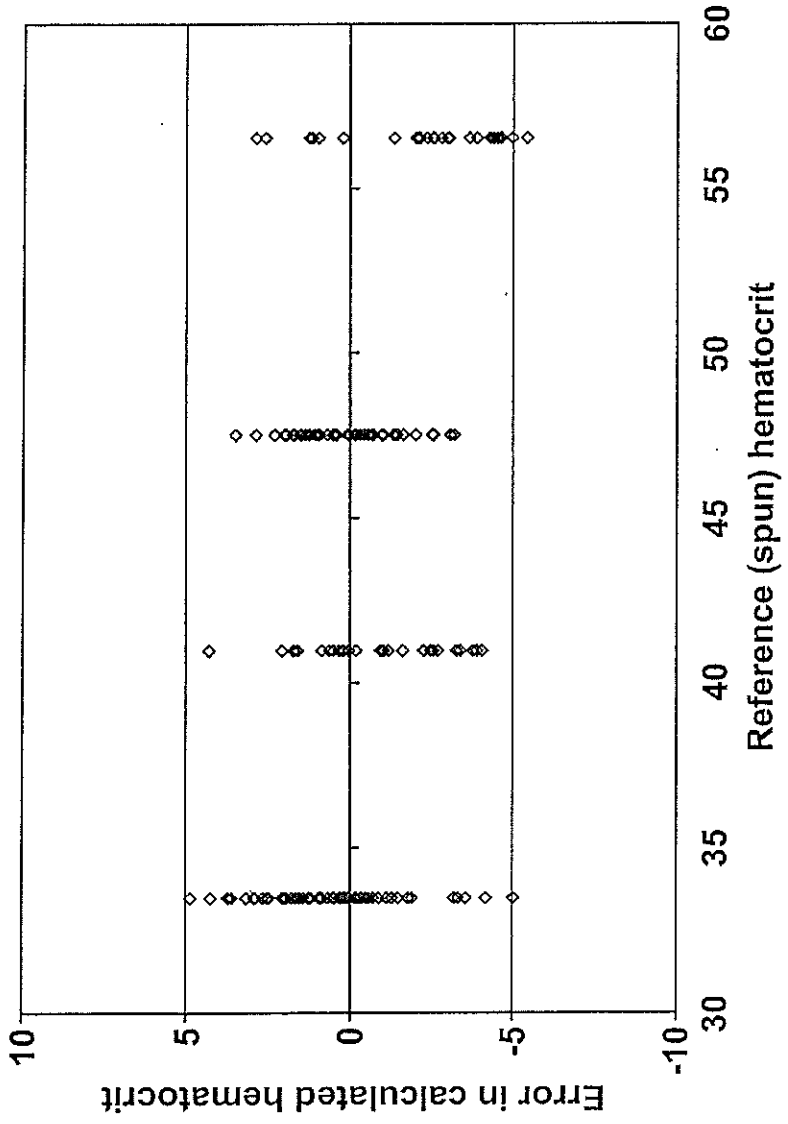

gal 1342
◆ 33.5% hcrit
■ 41% hcrit
Δ 47.5% hcrit
× 56.5% hcrit
Initial current (first, uA)
-15
-20
-25
-30
-35
-40
Temperature (deg C)
15
20
25
30
35
40

FIG. 11


gal 1342
Error in calculated hematocrit
10
5
0
-5
-10
30
35
40
45
50
55
60
Reference (spun) hematocrit

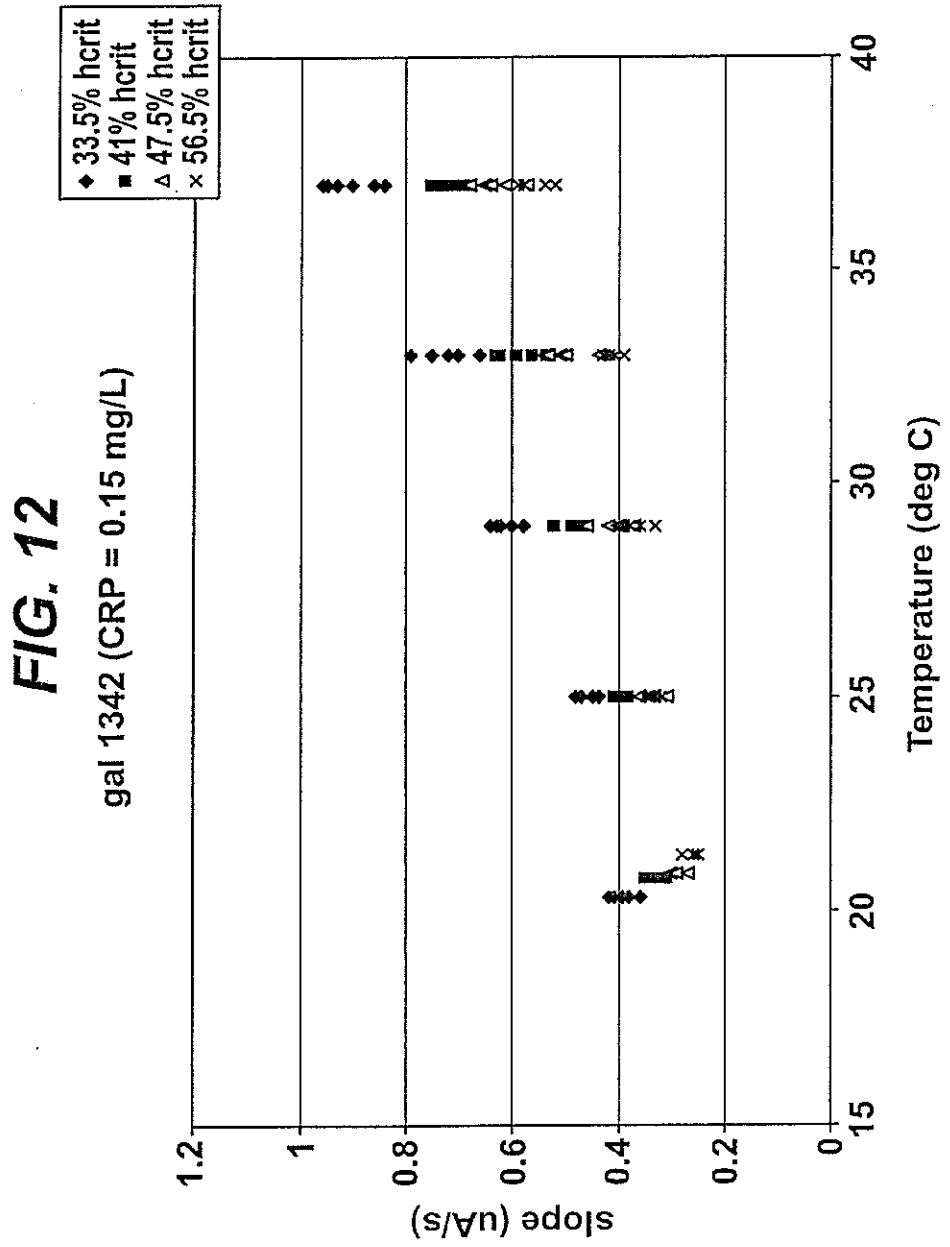
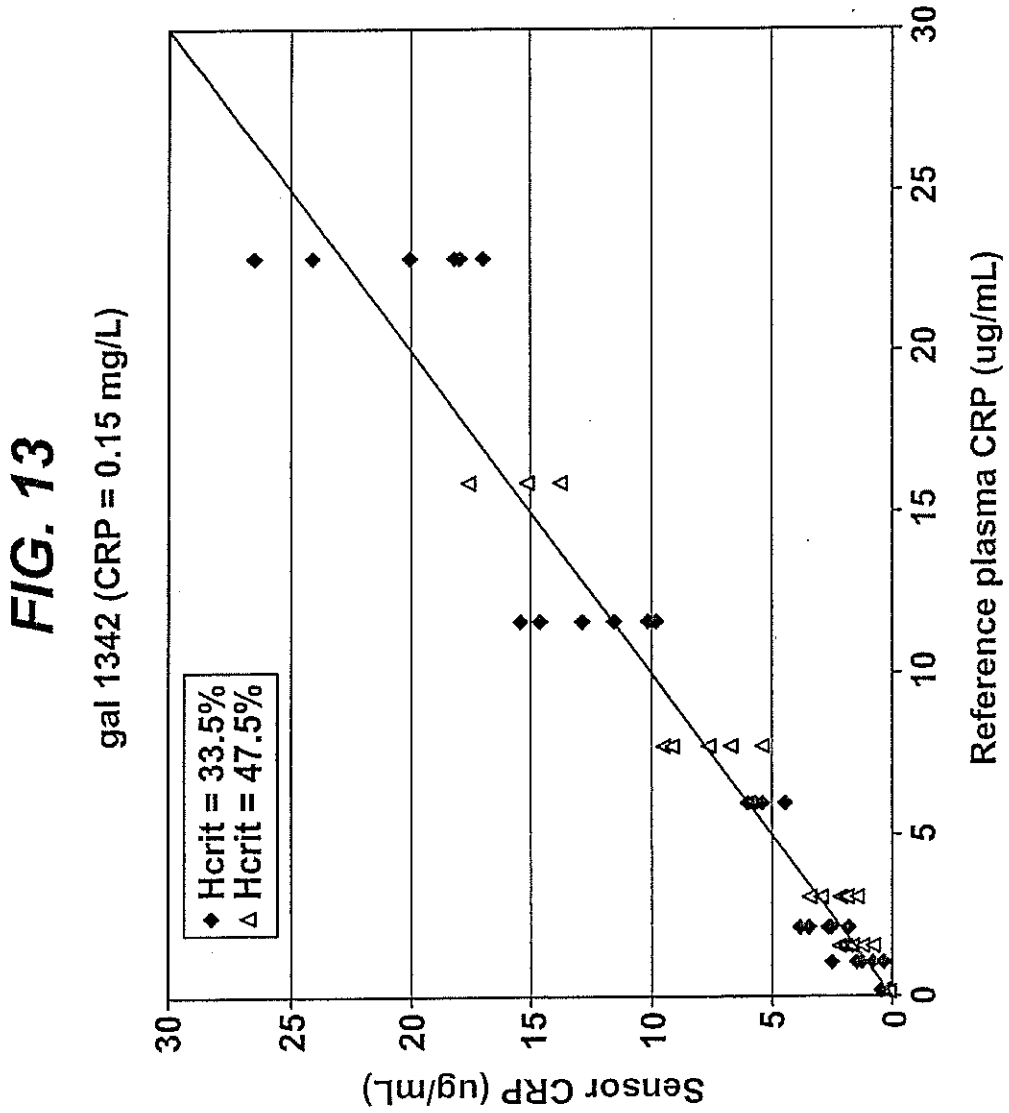

◆ 33.5% hcrit
■ 41% hcrit
△ 47.5% hcrit
× 56.5% hcrit
gal 1342 (CRP = 0.15 mg/L)
slope (uA/s)
1.2
1
0.8
0.6
0.4
0.2
0
15
20
25
30
35
40
Temperature (deg C)

FIG. 12

FIG. 13


gal 1342 (CRP = 0.15 mg/L)
◆ Hcrit = 33.5%
△ Hcrit = 47.5%
Sensor CRP (ug/mL)
Reference plasma CRP (ug/mL)
0
5
10
15
20
25
30