

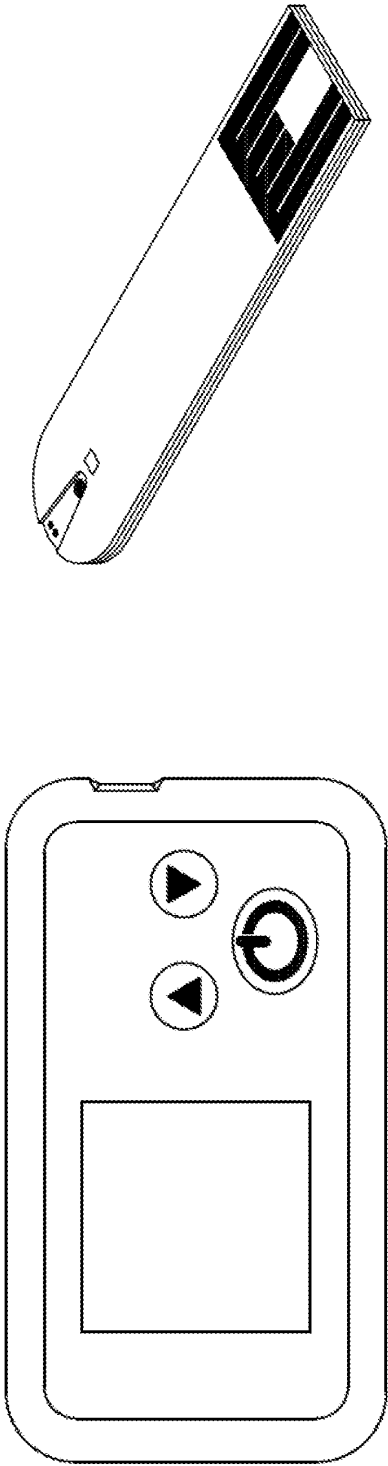


FIG. 1

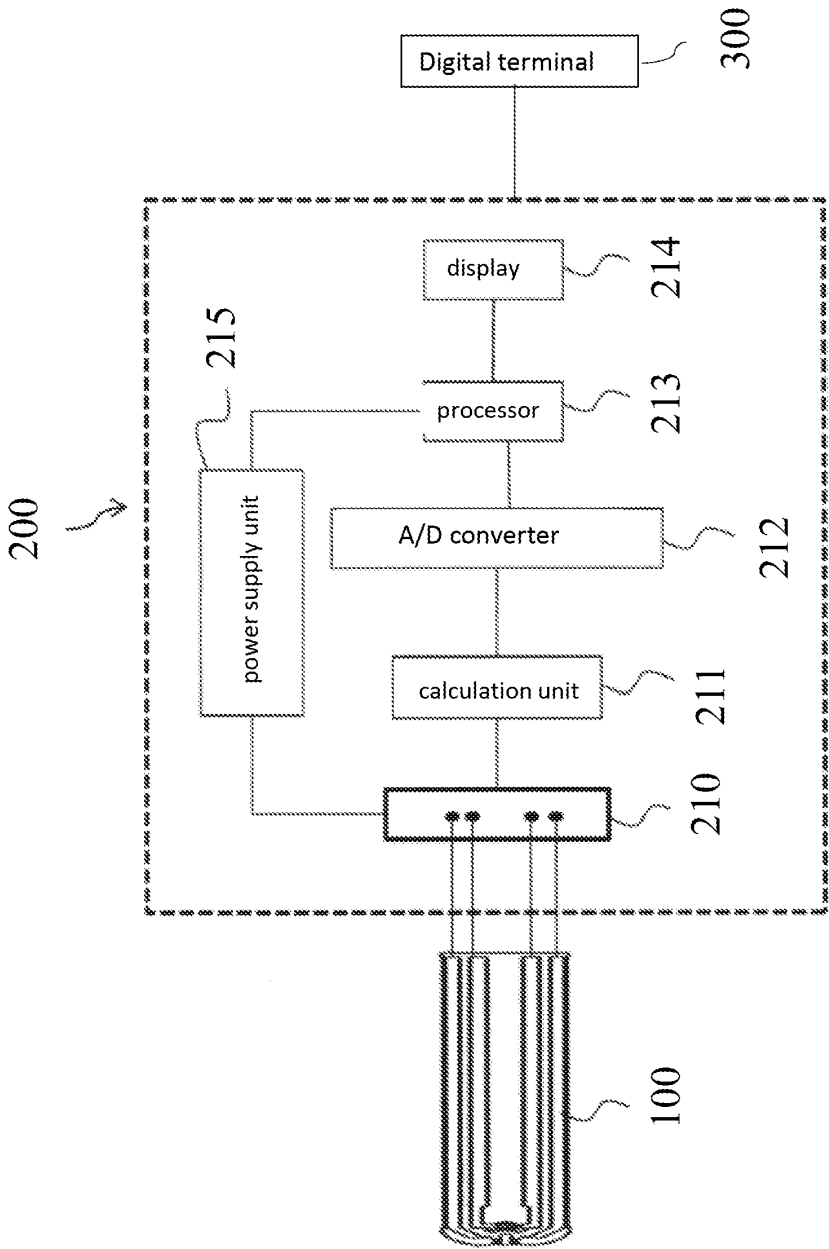


FIG. 2

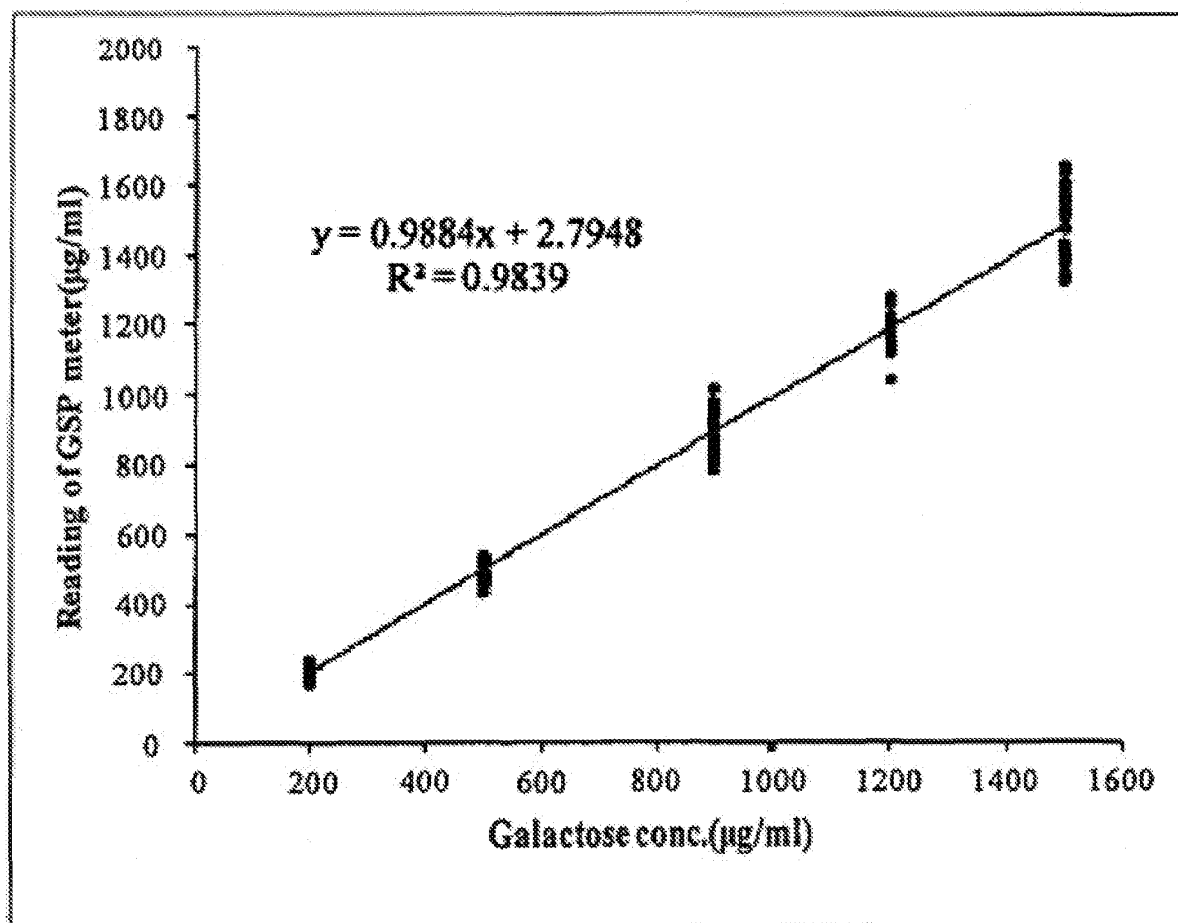


FIG. 3

N=8		Level 1 (200 μ g/ml)	Level 2 (500 μ g/ml)	Level 3 (900 μ g/ml)	Level 4 (1200 μ g/ml)	Level 5 (1500 μ g/ml)
Day one	Mean	215.37	466.66	887.59	1269.36	1461.03
	SD	28.87	31	84.31	72.98	12.68
	CV%	13.41	6.64	9.50	5.75	0.87
Day two	Mean	224.6	476.66	878.49	1214.23	1506.02
	SD	3.73	14.77	67.63	162.83	175.96
	CV%	1.66	3.1	7.7	13.41	11.68
Day three	Mean	262.47	478.2	821.75	1158.45	1579.12
	SD	5.99	10.6	69.52	105.63	113.53
	CV%	2.28	2.22	8.46	9.12	7.19
Day four	Mean	235.65	464.66	851.38	1260.56	1487.75
	SD	10.68	6.58	34.05	72.12	69.41
	CV%	4.53	1.42	4	5.72	4.67
Day five	Mean	173.98	499.59	945.76	1222.6	1458.07
	SD	12.42	40.1	41.99	74.58	102
	CV%	7.14	8.03	4.44	6.1	7
Day six	Mean	210.68	495.24	868.33	1232.95	1492.81
	SD	30.68	27.42	89.29	36.39	157.33
	CV%	14.56	5.54	10.28	2.95	10.54
Day seven	Mean	200	497.81	895.77	1215.73	1490.68
	SD	16.59	41.1	49.73	90.19	83.83
	CV%	8.29	8.26	5.55	7.42	5.62
Day eight	Mean	262.47	478.2	821.75	1158.45	1579.12
	SD	5.99	10.6	69.52	105.63	113.53
	CV%	2.28	2.22	8.46	9.12	7.19
mCV%		6.77	4.68	7.3	7.45	6.85

FIG. 4

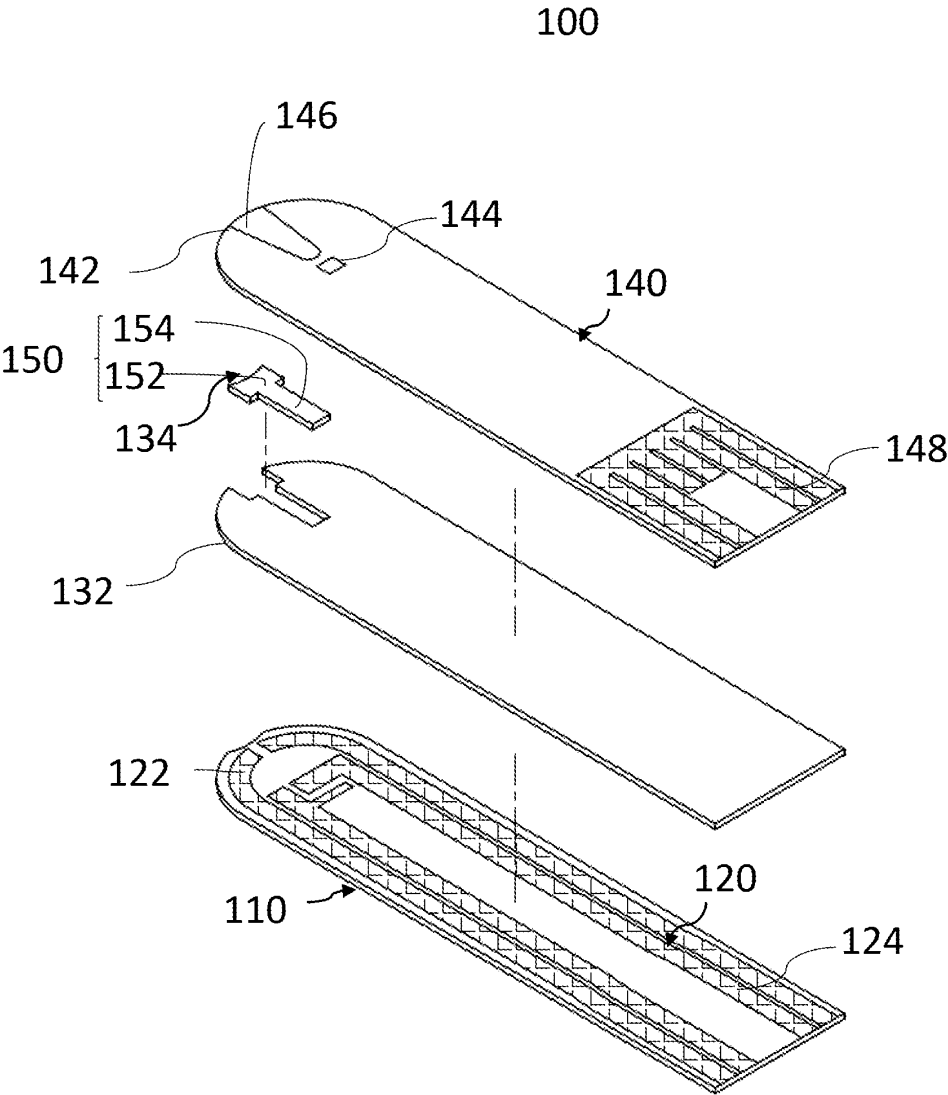


FIG. 5

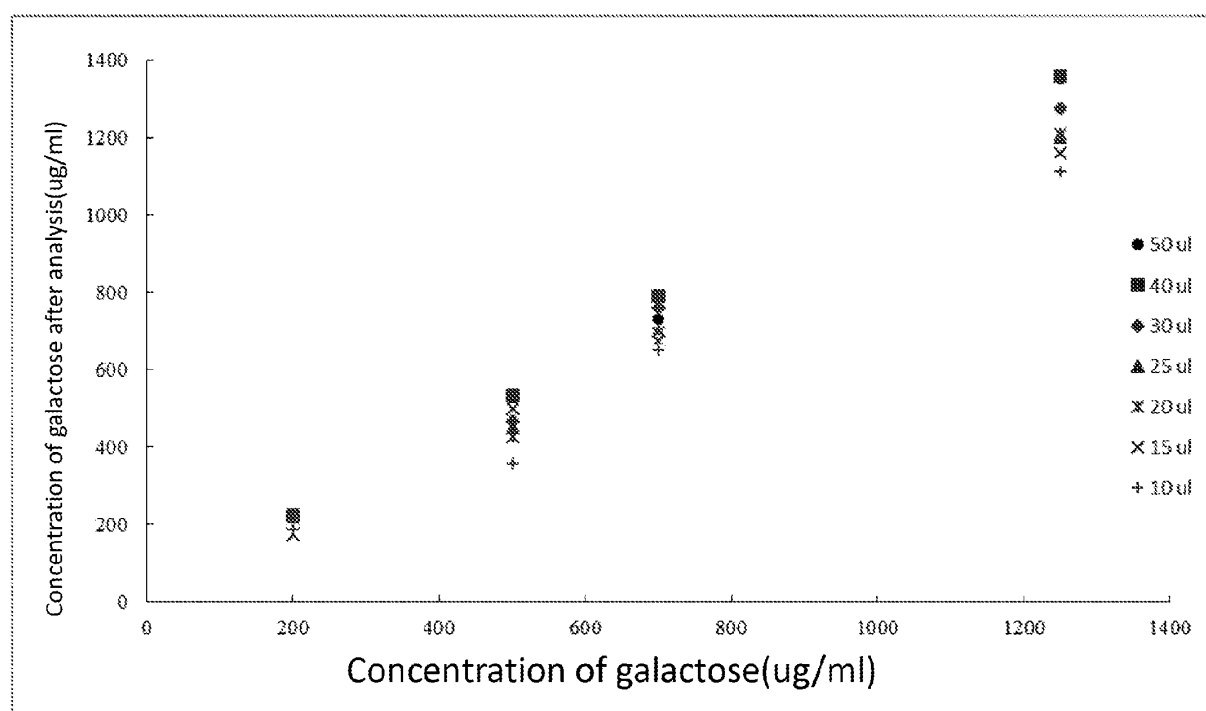


FIG. 6

N=3	Galactose concentration:200 $\mu\text{g/ml}$				
Sample Volume	1 μL	2 μL	5 μL	7 μL	10 μL
Mean	254.15	252.56	254.89	279.13	214.75
SD	20.72	9.19	10.79	8.45	15.5
%CV	8.15	3.64	4.23	3.03	7.22

N=3	Galactose concentration:900 $\mu\text{g/ml}$				
Sample Volume	1 μL	2 μL	5 μL	7 μL	10 μL
Mean	853.34	882.29	881.55	885.96	907.77
SD	35.81	27.7	34.47	31.76	30.59
%CV	4.2	3.14	3.91	3.58	3.37

N=3	Galactose concentration:1500 $\mu\text{g/ml}$				
Sample Volume	1 μL	2 μL	5 μL	7 μL	10 μL
Mean	1477.16	1534.44	1534.44	1472.02	1497.3
SD	92.64	72.02	72.02	86.64	97.87
%CV	6.27	4.69	4.69	5.89	6.54

FIG. 7

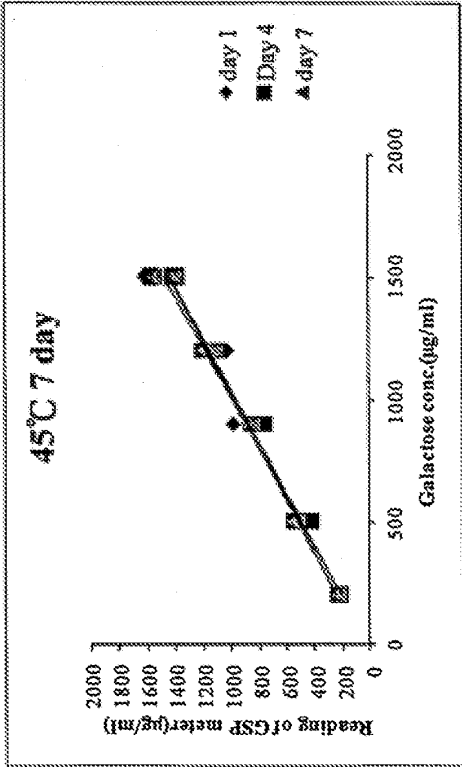
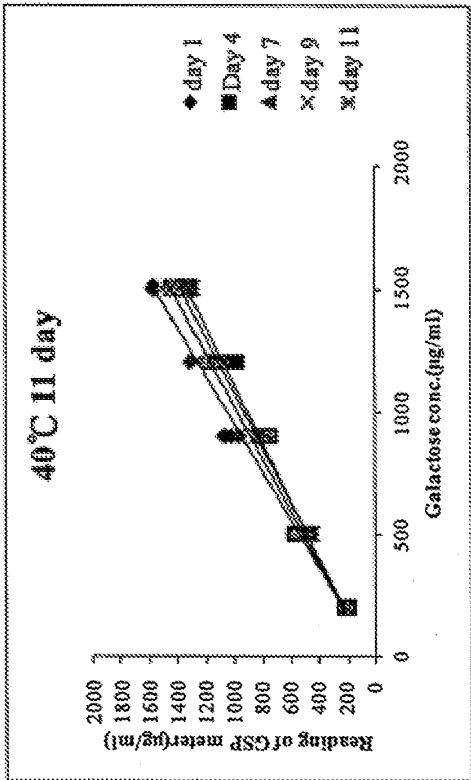
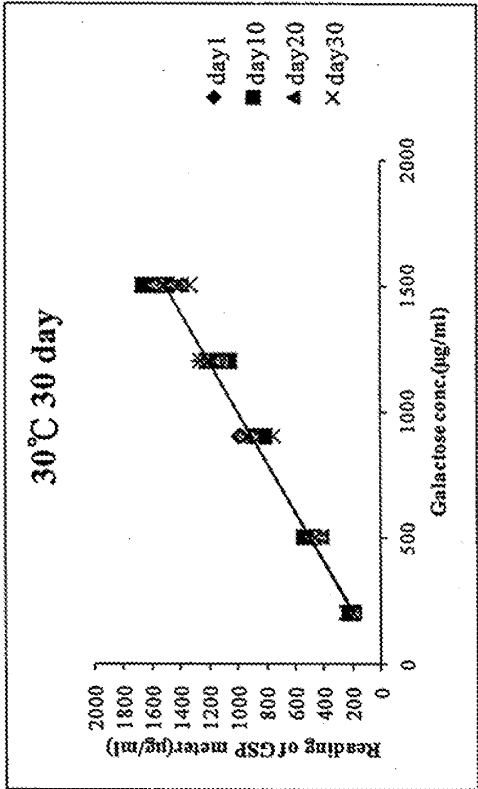


FIG. 8

Table 1. Result of hematocrit evaluation test (Continued)					
Serial Number of GSP meters: MC0001-0003					
Lot No. of GSP Strip: RDT161103					
Temperature: 24°C		Relative humidity: 51%			
concentration: 1150 µg/ml					
%Hematocrit					
Meter	20%	30%	40%	50%	60%
No.1	1209	1130	1229	1022	1260
No.2	1127	1046	1073	1140	1135
No.3	1061	1182	1199	1151	1148
Mean	1132	1119	1167	1104	1181
SD	74.46	68.81	82.69	71.81	68.93
%CV	6.58	6.13	7.09	6.50	5.84
concentration: 1500 µg/ml					
Meter	20%	30%	40%	50%	60%
No.1	1627	1690	1542	1460	1497
No.2	1593	1507	1560	1507	1548
No.3	1399	1478	1470	1757	1511
Mean	1540	1558	1524	1555	1519
SD	123.36	115.05	47.41	183.25	26.19
%CV	8.01	7.38	3.11	11.79	1.72

Table 1. Result of hematocrit evaluation test									
Serial Number of GSP meters: MC0001-0003									
Lot No. of GSP Strip: RDT161103									
Temperature: 24°C		Relative humidity: 51%							
concentration: 200 µg/ml									
%Hematocrit									
Meter	20%	30%	40%	50%	60%				
No.1	244	266	241	271	262				
No.2	278	250	210	281	310				
No.3	223	246	250	213	265				
Mean	232	253	234	248	279				
SD	11.34	10.66	20.95	31.14	27.09				
%CV	4.89	4.12	8.93	12.53	9.70				
concentration: 450 µg/ml									
Meter	20%	30%	40%	50%	60%				
No.1	427	448	302	472	418				
No.2	465	469	405	431	376				
No.3	481	413	424	392	354				
Mean	458	444	444	432	383				
SD	21.58	26.11	51.33	40.40	32.47				
%CV	6.03	6.34	11.57	9.36	8.49				
concentration: 800 µg/ml									
Meter	20%	30%	40%	50%	60%				
No.1	745	836	738	719	717				
No.2	714	686	679	770	788				
No.3	757	654	760	794	710				
Mean	739	725	726	761	739				
SD	22.00	96.87	41.57	36.47	42.82				
%CV	2.98	13.35	5.73	4.05	5.80				

FIG. 9

Galactose concentration	C1	C2	C3	C4	C5
	200 $\mu\text{g/mL}$	500 $\mu\text{g/mL}$	900 $\mu\text{g/mL}$	1200 $\mu\text{g/mL}$	1500 $\mu\text{g/mL}$
Mean	207	499	902	1214	1496
SD	30.13	49.03	70.01	92.95	106.51
%CV	14.58	9.83	7.76	7.66	7.12

FIG. 10

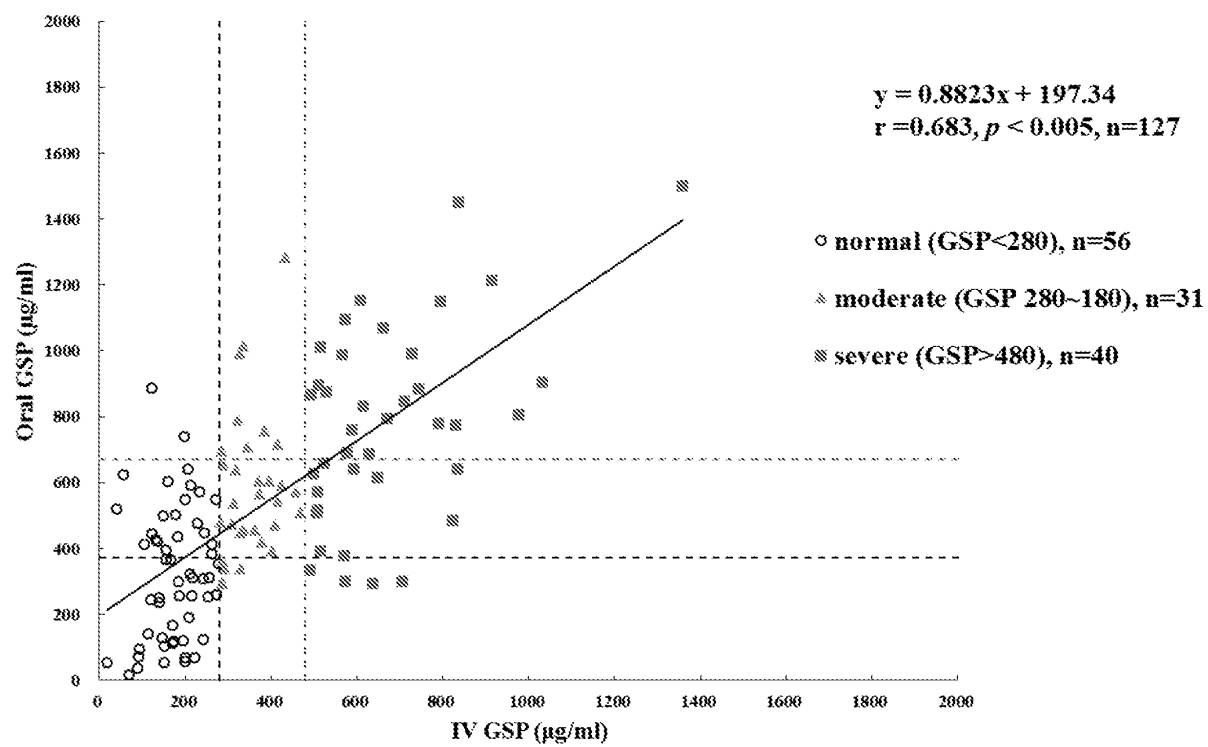


FIG. 11

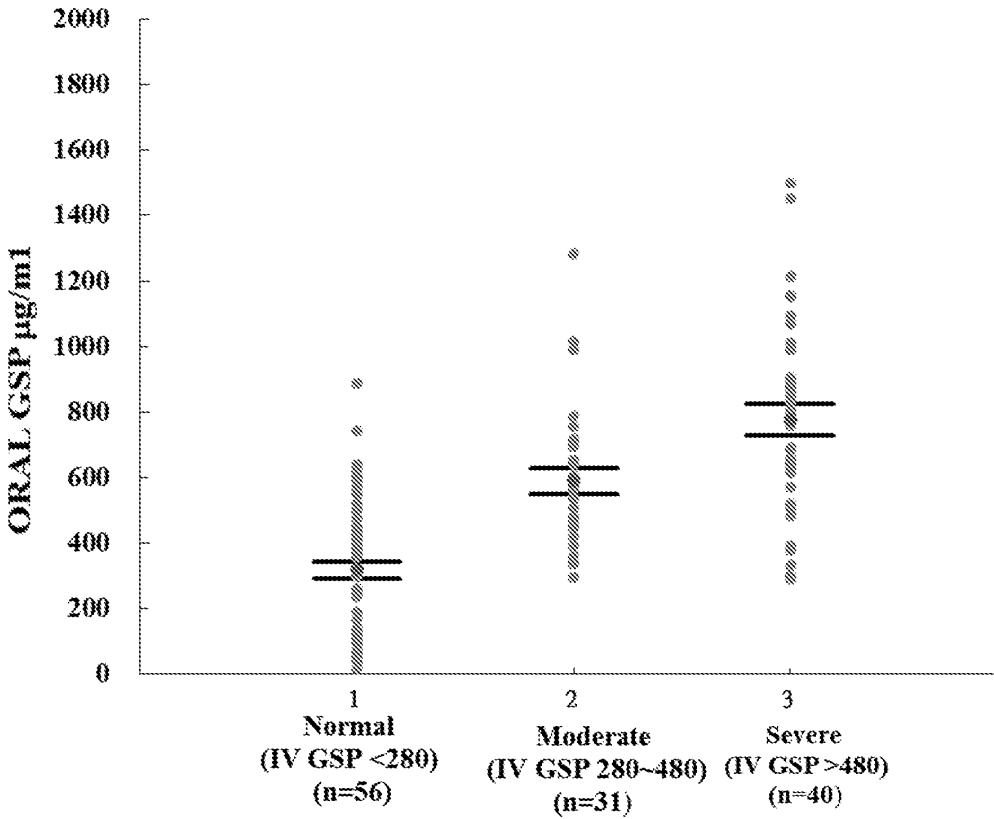


FIG. 12

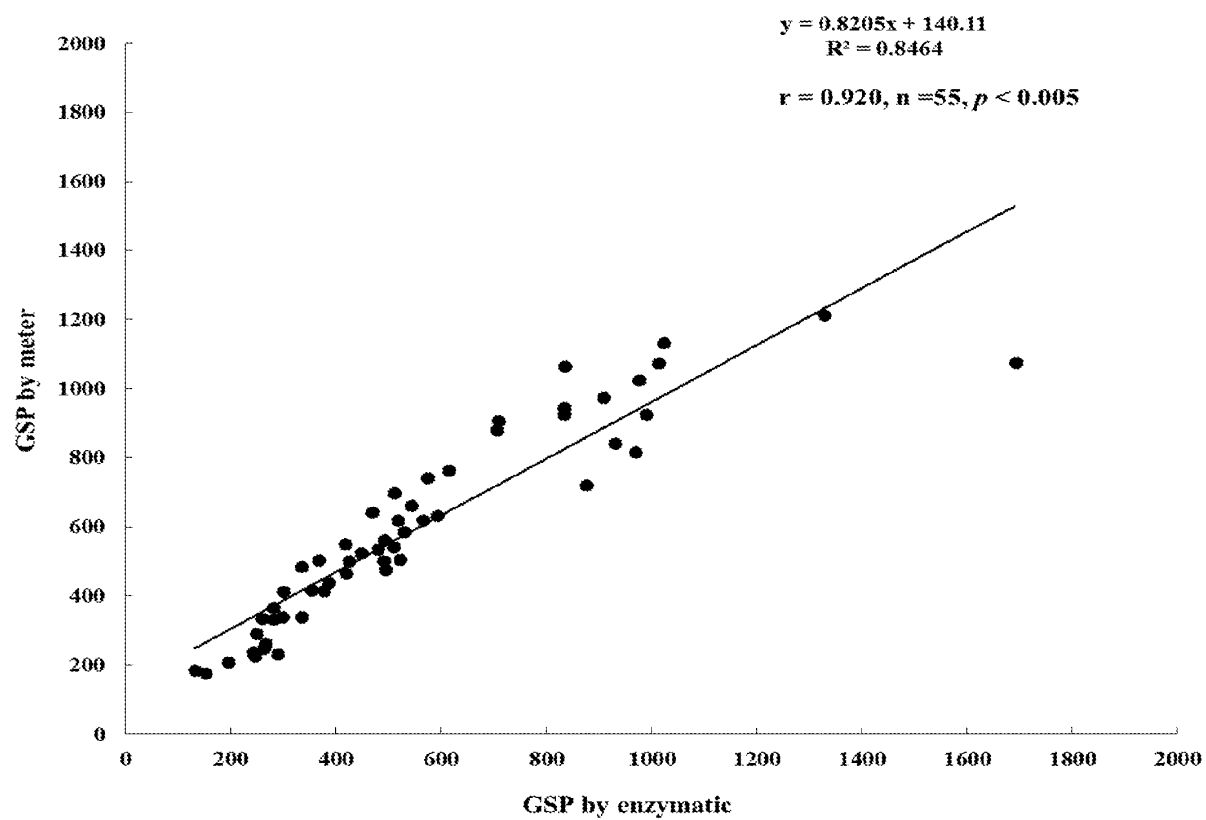


FIG. 13