

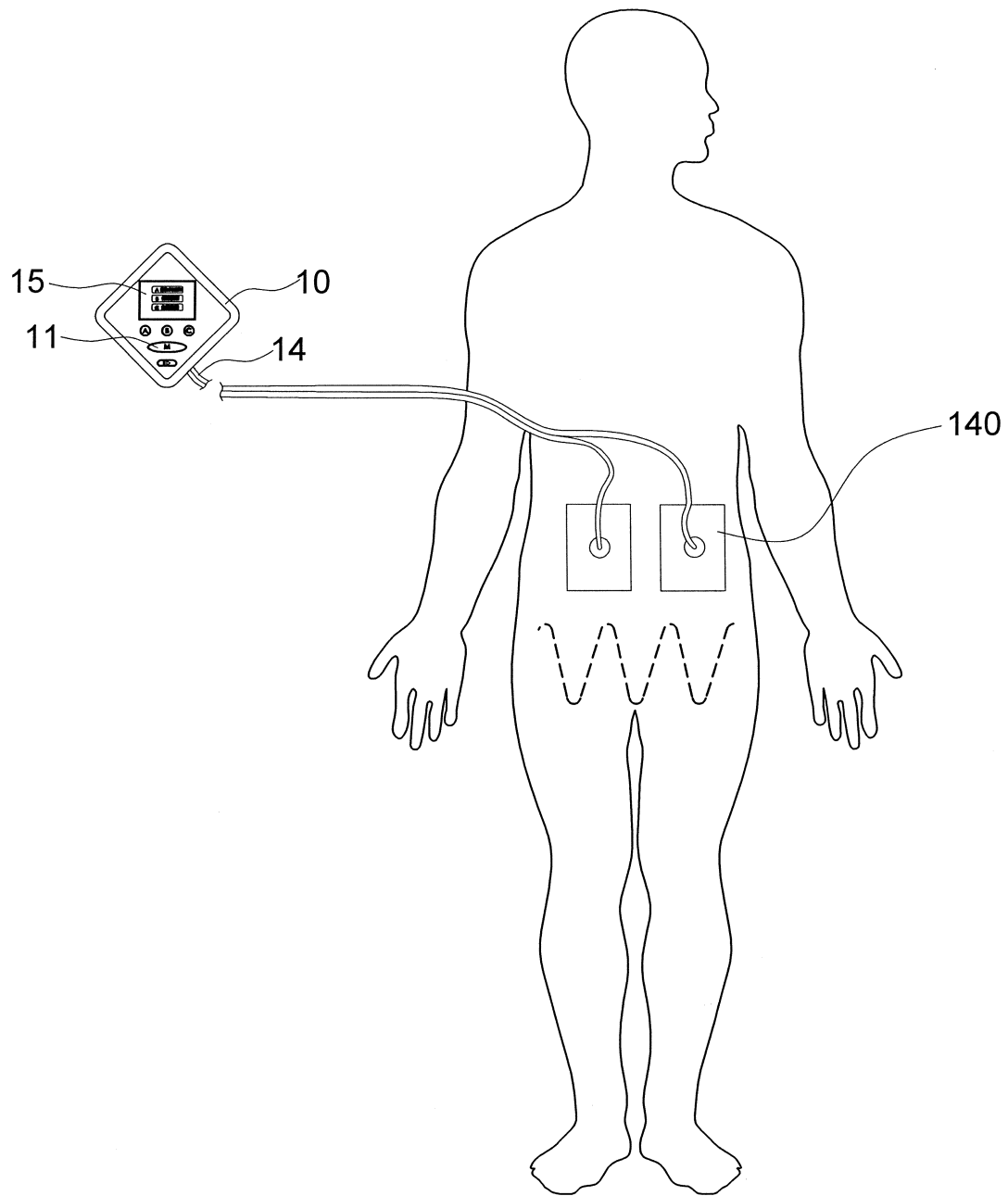


FIG.1

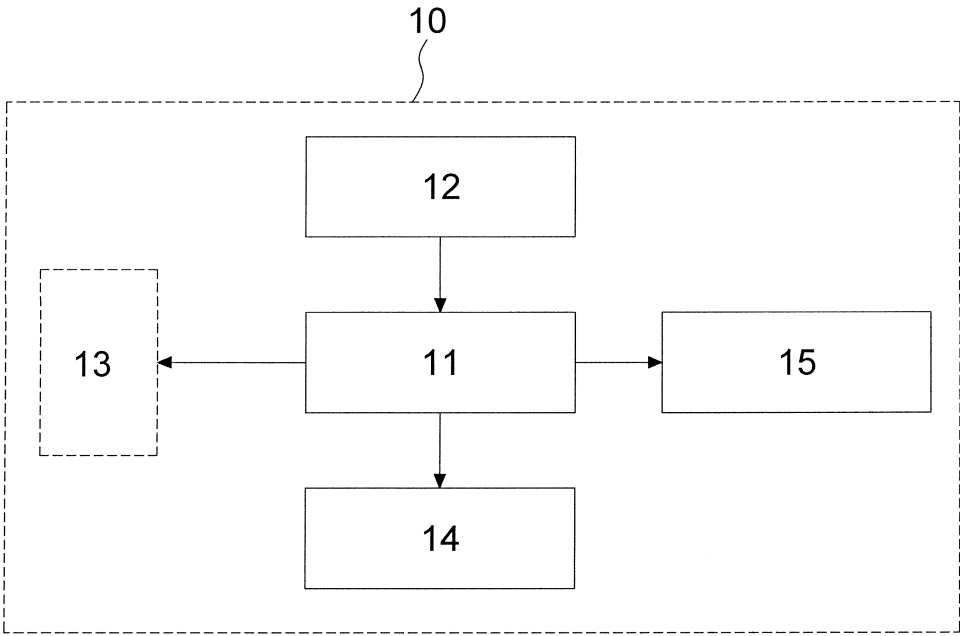


FIG.2

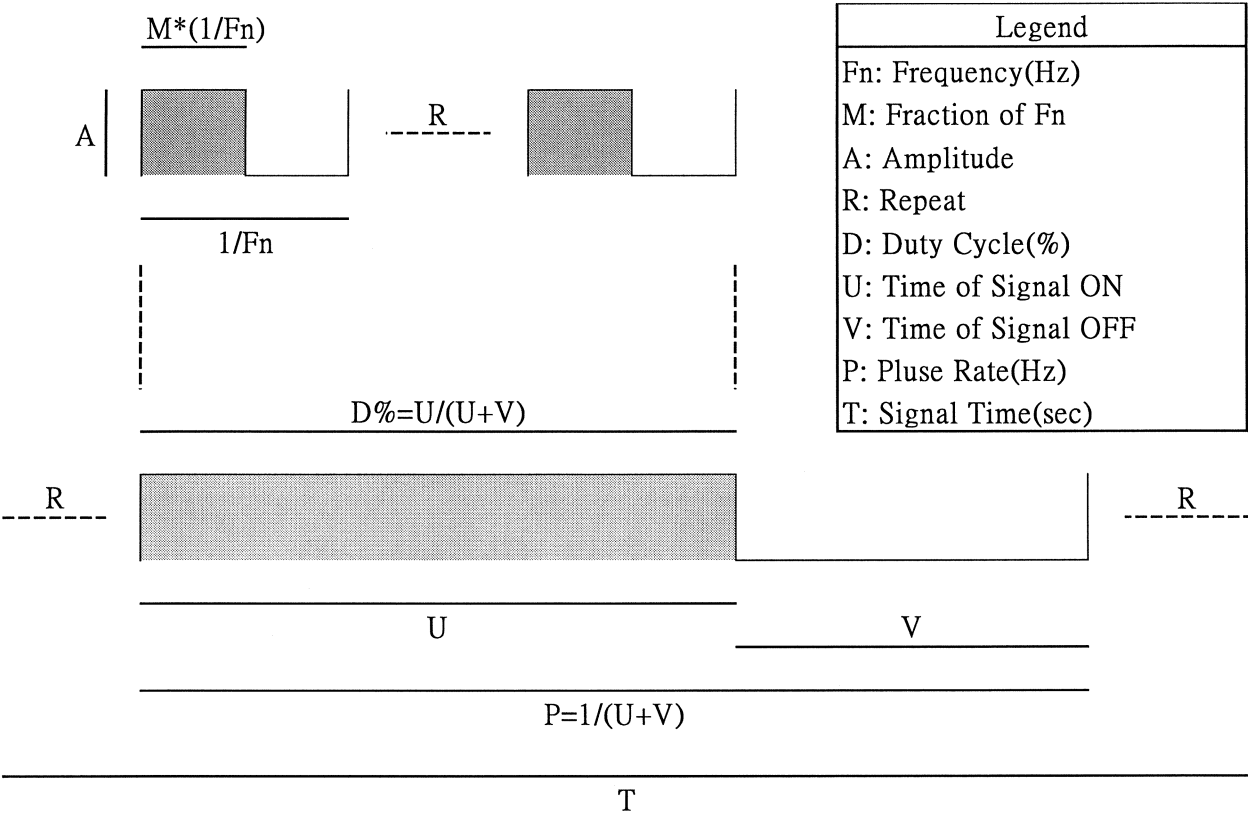
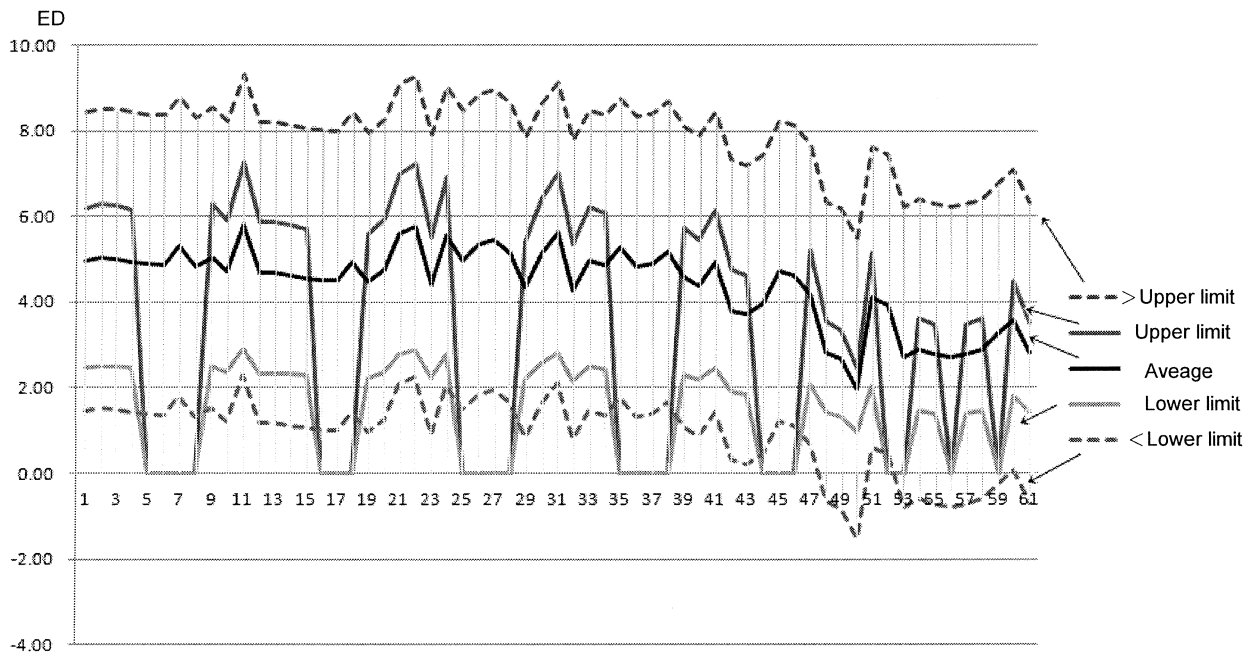


FIG.3

Order	Fn(hz)	D(%)	P(hz)	T(sec)	SF(1)	SD(2)	SI(3)	SC(4)	SF(5)	n	TT(sec)	ED	SLIM(Norm)	ED	Average filter	Lower Limit	Upper Limit
1	1822	70	1	7	1					0	7	4.95	1.80%	4.95	1	2.47	6.19
2	10000	70	1	15	1					0	15	5.02	1.90%	5.02	1	2.51	6.28
3	7344	70	1	19	1					0	19	4.99	1.90%	4.99	1	2.49	6.24
4	5000	70	1	24	1					0	24	4.92	1.80%	4.88	0	2.46	6.16
5	4200	70	1	26	1					0	26	4.86	1.80%	4.86	0	0	0
6	3672	70	1	28	1					0	28	4.81	2.00%	4.81	0	0	0
7	3175	70	1	30	1	2				2	30	5.3	2.00%	5.3	0	0	0
8	3000	70	1	31	1					0	31	4.81	1.80%	4.81	0	0	0
9	2127	70	1	35	1	2				1	35	5.03	1.90%	5.03	1	2.52	6.29
10	2112	70	1	35	1					0	35	4.71	1.80%	4.71	1	2.36	5.89
11	2007	70	1	37	1					0	37	5.8	2.20%	5.8	1	2.9	7.25
12	1865	70	1	37	1					0	37	4.68	1.70%	4.68	1	2.34	5.85
13	1850	70	1	39	1					0	39	4.63	1.70%	4.63	1	2.31	5.78
14	1550	70	1	42	1					0	42	4.56	1.70%	4.56	1	2.28	5.7
15	1234	70	1	44	1					0	44	4.51	1.70%	4.51	0	0	0
16	1043	70	1	45	1					0	45	4.5	1.70%	4.5	0	0	0
17	1000	70	1	45	1					0	45	4.94	1.80%	4.94	0	0	0
18	921	70	1	47	1					0	47	4.46	1.80%	4.46	0	0	0
19	880	70	1	47	1					0	47	4.75	1.80%	4.75	1	2.23	5.58
20	867	70	1	46	1	2				1	46	4.46	1.80%	4.46	1	2.37	5.93
21	807	70	1	45	1					0	45	5.58	2.10%	5.58	1	2.79	6.98
22	778	70	1	57	1					0	57	5.77	2.10%	5.77	1	2.89	7.21
23	751	70	1	49	1					0	49	4.41	2.10%	4.41	1	2.21	5.31
24	730	70	1	45	1					0	45	5.54	2.10%	5.54	1	2.77	6.92
25	705	70	1	48	1	2				3	48	5.36	2.00%	5.36	0	0	0
26	668	70	1	54	1					0	54	5.44	2.00%	5.44	0	0	0
27	652	70	1	55	1					0	55	5.13	2.00%	5.13	0	0	0
28	623	70	1	51	1	2				5	51	4.34	1.90%	4.34	1	2.17	5.42
29	612	70	1	51	1					0	51	5.13	1.90%	5.13	1	2.57	6.41
30	595	70	1	54	1					0	54	4.97	2.10%	4.97	1	2.81	7.02
31	542	70	1	53	1					0	53	4.29	1.80%	4.29	1	2.14	5.36
32	522	70	1	53	1					0	53	4.86	1.80%	4.86	1	2.43	6.07
33	484	70	1	56	1					0	56	4.97	1.80%	4.97	0	0	0
34	462	70	1	60	1	2				3	60	5.26	2.00%	5.26	0	0	0
35	435	70	1	55	1					0	55	4.82	1.80%	4.82	0	0	0
36	421	70	1	55	1	2				3	55	4.9	1.80%	4.9	0	0	0
37	380	70	1	60	1					0	60	4.58	1.70%	4.58	0	0	0
38	348	70	1	69	1					0	69	4.37	1.60%	4.37	1	2.29	5.73
39	302	70	1	72	1	2				2	72	4.92	1.80%	4.92	1	2.18	5.46
40	160	70	1	85	1					0	85	3.8	1.40%	3.8	1	1.9	4.75
41	141	70	1	76	1					0	76	3.94	1.50%	3.94	0	0	0
42	125	70	1	78	1					0	78	4.61	1.70%	4.61	0	0	0
43	95	70	1	105	1	2				4	105	2.83	1.00%	2.83	1	1.41	3.33
44	80	70	1	106	1					0	106	2.67	1.00%	2.67	1	1.33	3.33
45	66	70	1	110	1					0	110	1.97	0.70%	1.97	1	0.99	2.47
46	40	70	1	133	1					0	133	4.1	1.50%	4.1	1	2.05	5.13
47	13	70	1	72	1					0	72	3.94	1.50%	3.94	0	0	0
48	9	70	1	72	1					0	72	2.9	1.0%	2.9	0	0	0
49	6	70	1	144	1					0	144	2.78	1.0%	2.78	0	0	0
50	1	70	1	144	1					0	144	2.78	1.0%	2.78	0	0	0
51	28	70	0	8	2					8	8	4.95	1.80%	4.95	1	2.47	6.19
52	19	70	0	15	1					0	15	5.02	1.90%	5.02	1	2.51	6.28
53	10	70	0	19	1					0	19	4.99	1.90%	4.99	1	2.49	6.24
54	7.83	70	0	24	1					0	24	4.88	1.80%	4.88	0	0	0
55	6	70	0	26	1					0	26	4.81	2.00%	4.81	0	0	0
56	5	70	0	28	1					0	28	5.3	2.00%	5.3	0	0	0
57	6	70	0	30	1					0	30	4.81	1.80%	4.81	0	0	0
58	7.83	70	0	35	1					0	35	5.03	1.90%	5.03	1	2.52	6.29
59	8	70	0	35	1					0	35	4.71	1.80%	4.71	1	2.36	5.89
60	17	70	0	37	1					0	37	5.8	2.20%	5.8	1	2.9	7.25
61	26	70	0	39	1					0	39	4.63	1.70%	4.63	1	2.31	5.78

FIG.4



ORDER
FIG.5

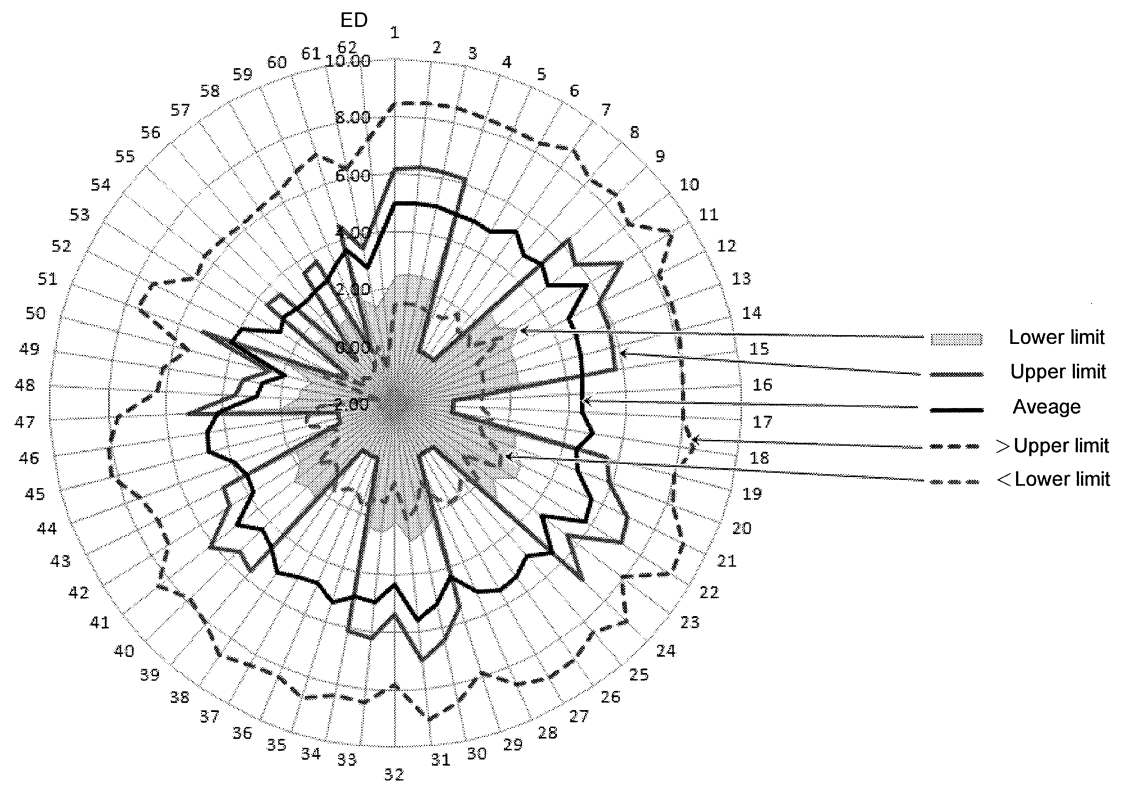


FIG.6

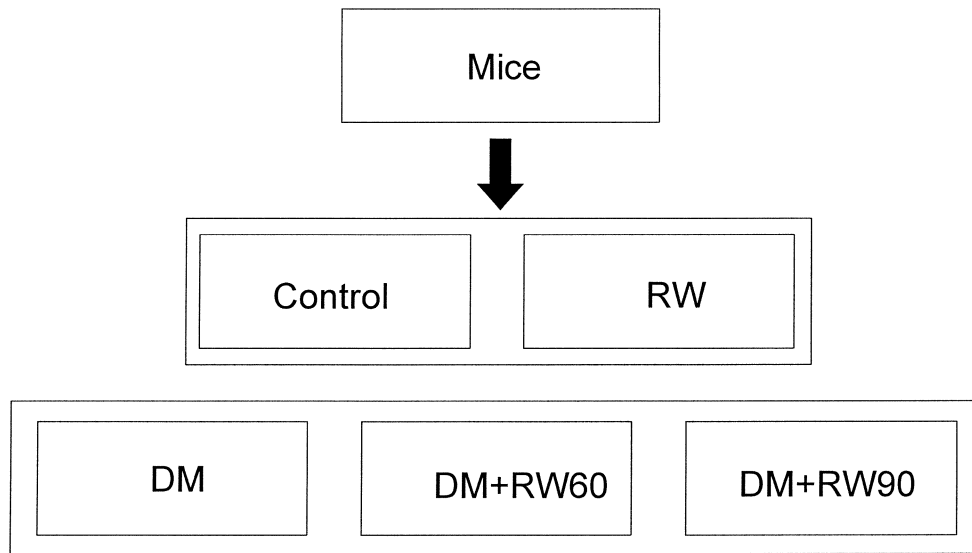


FIG.7

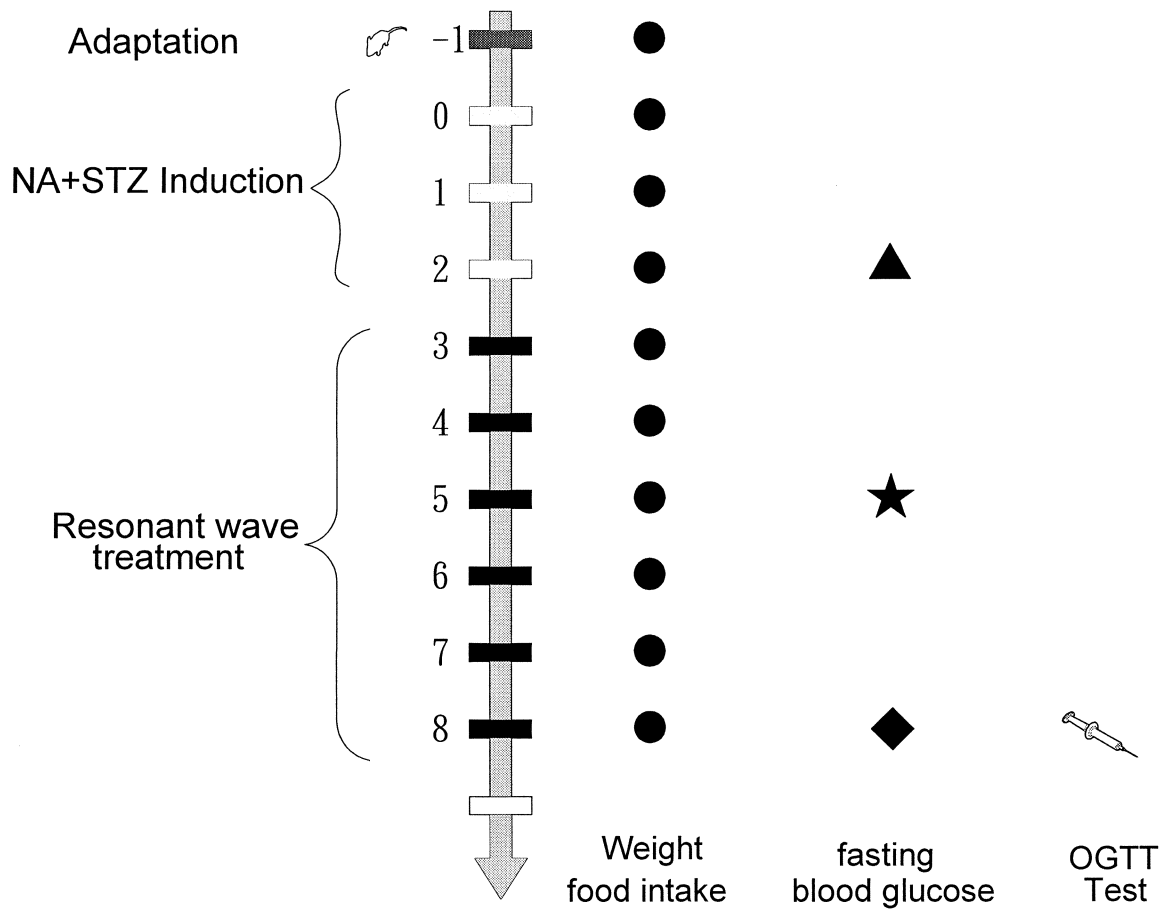


FIG.8

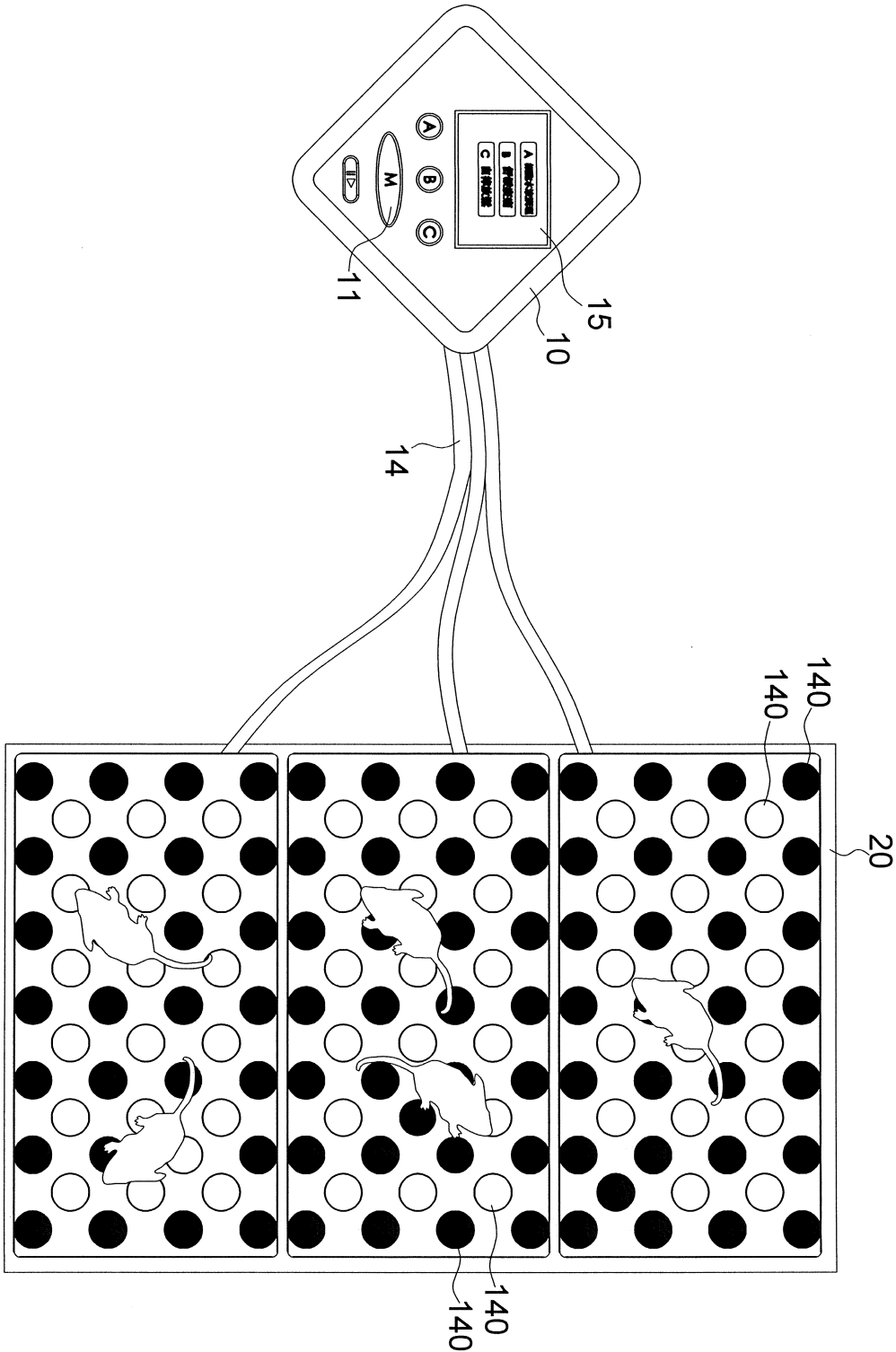


FIG.9

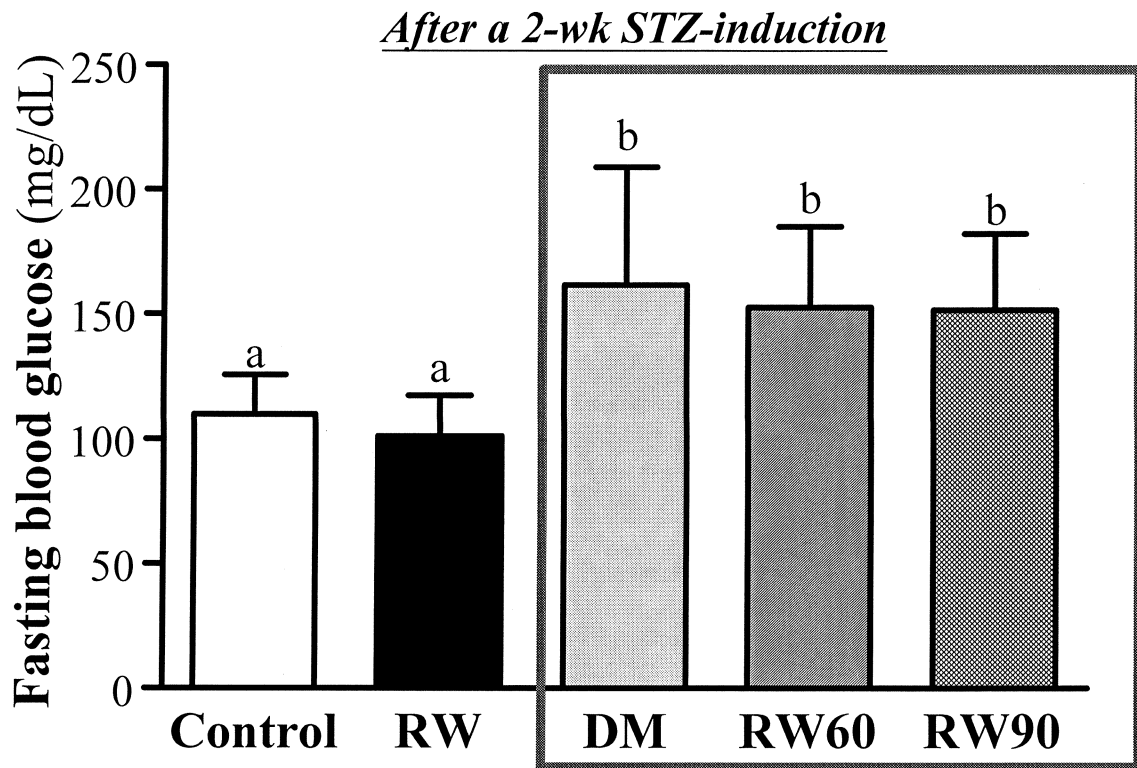


FIG.10A

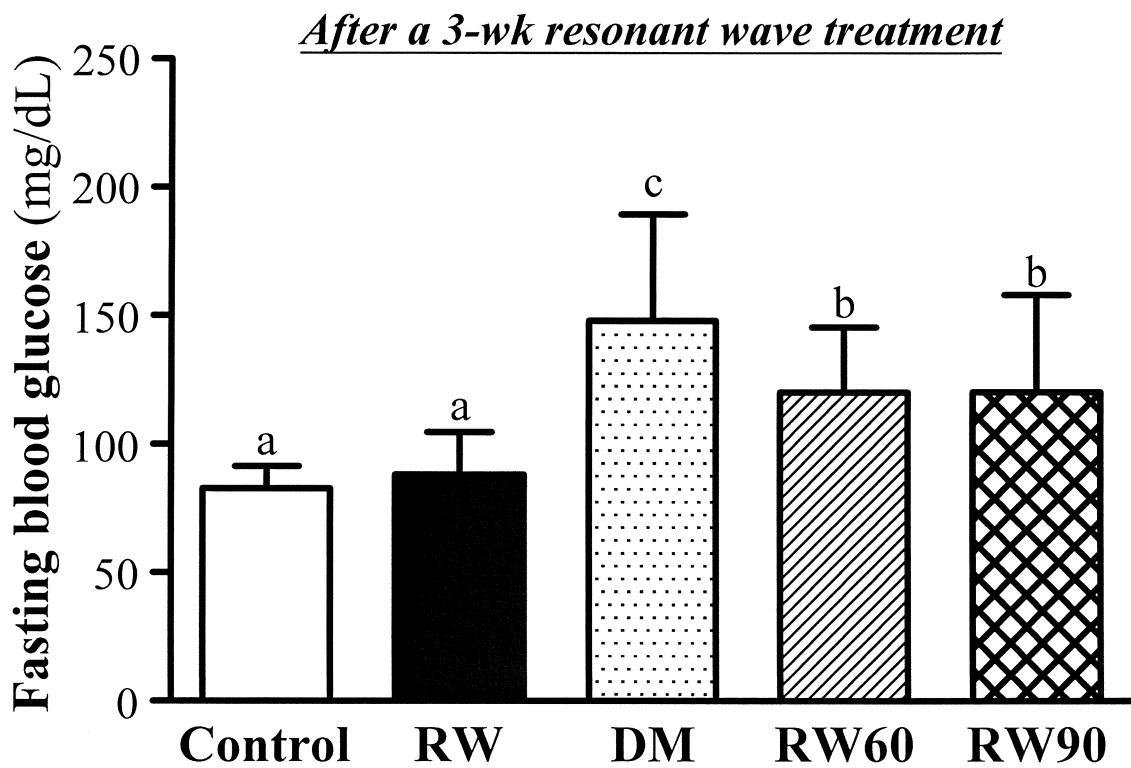


FIG.10B

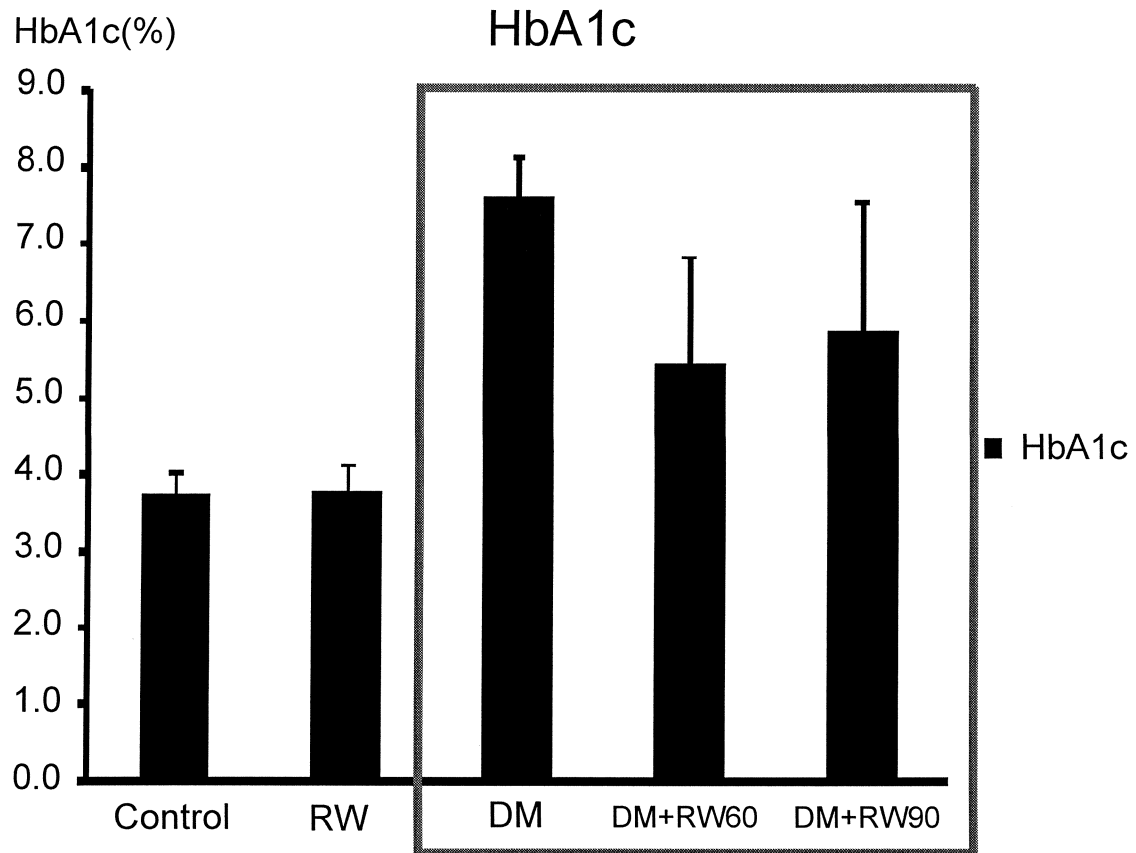


FIG.11

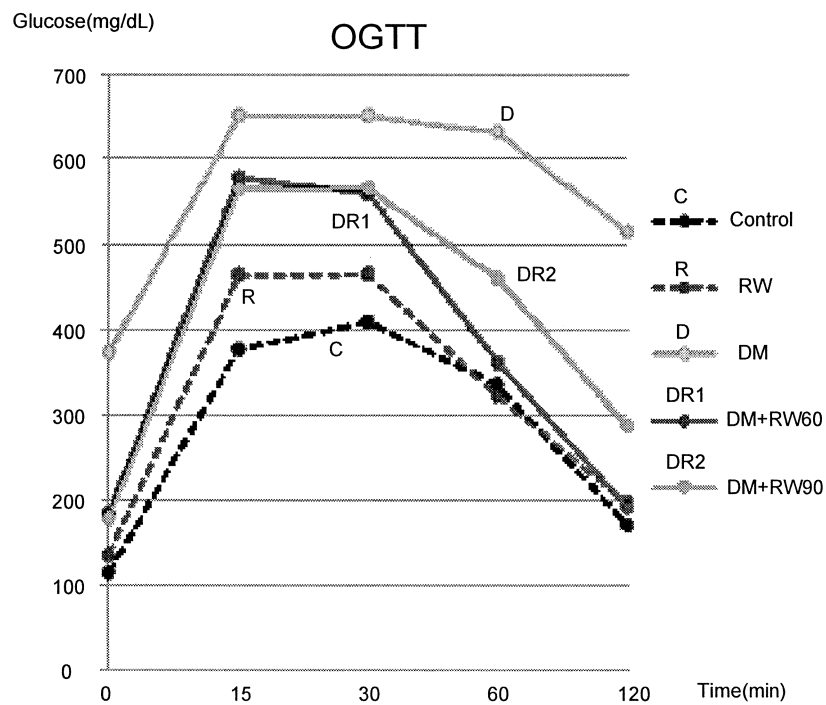


FIG.12

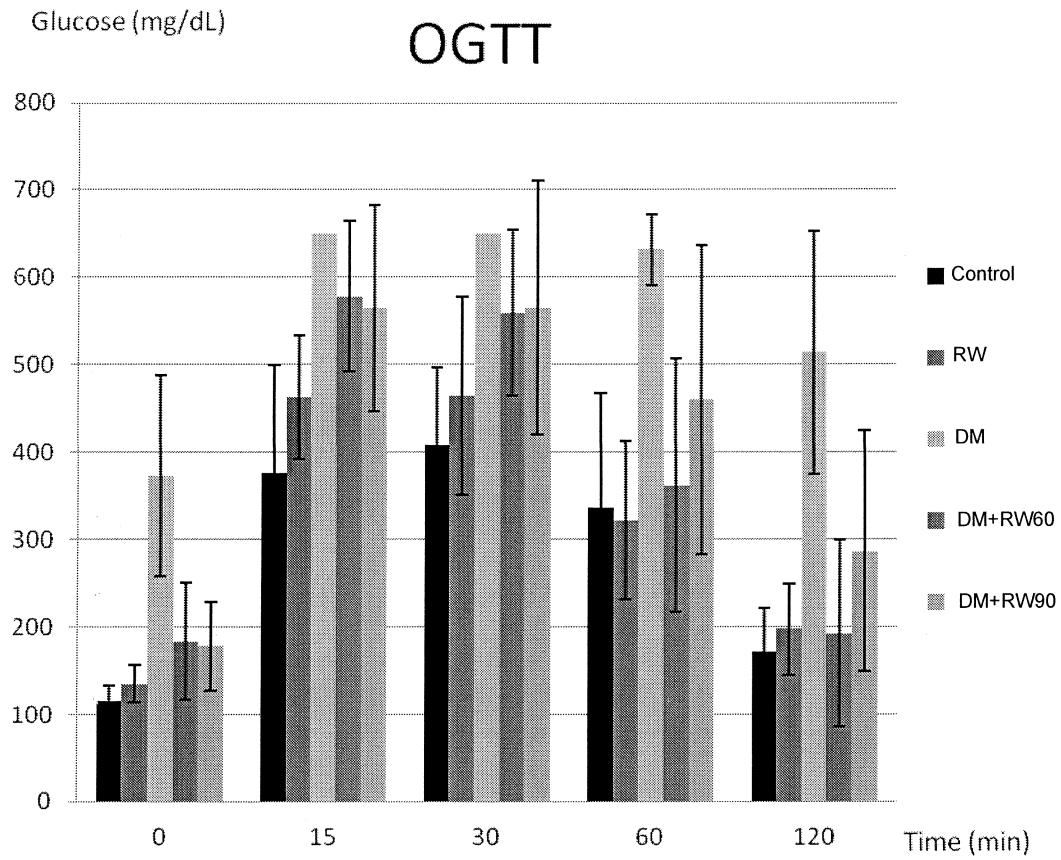


FIG.13

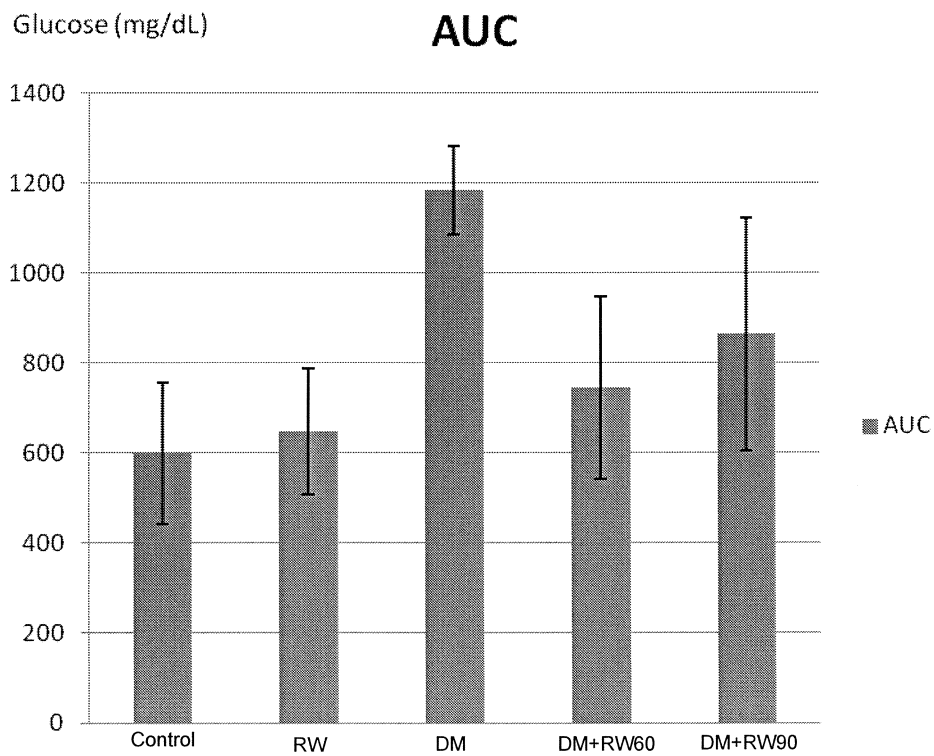
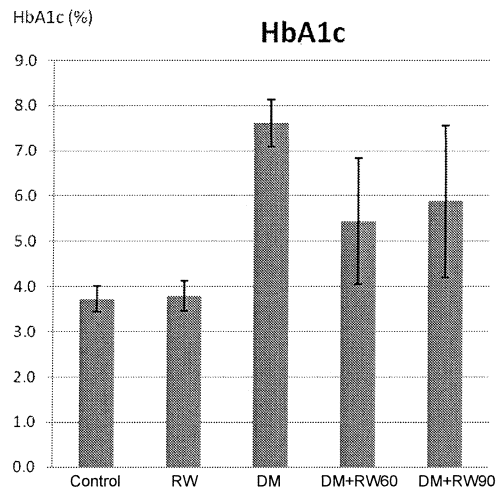
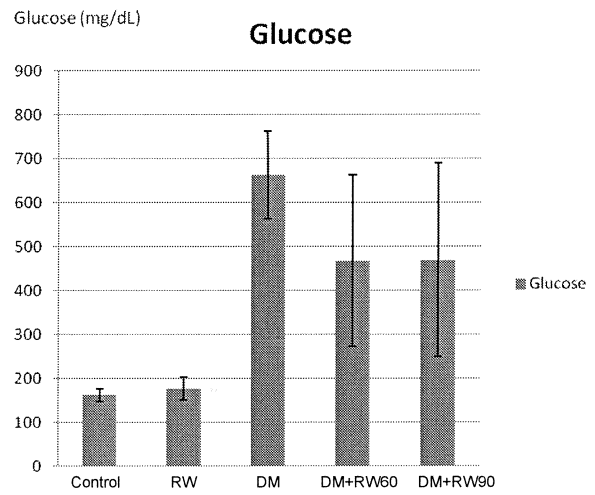


FIG.14

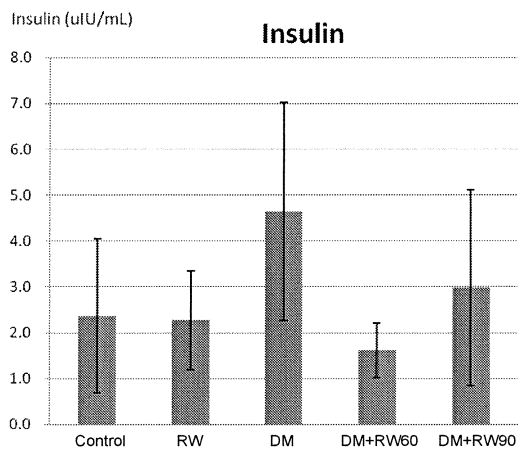


(a)

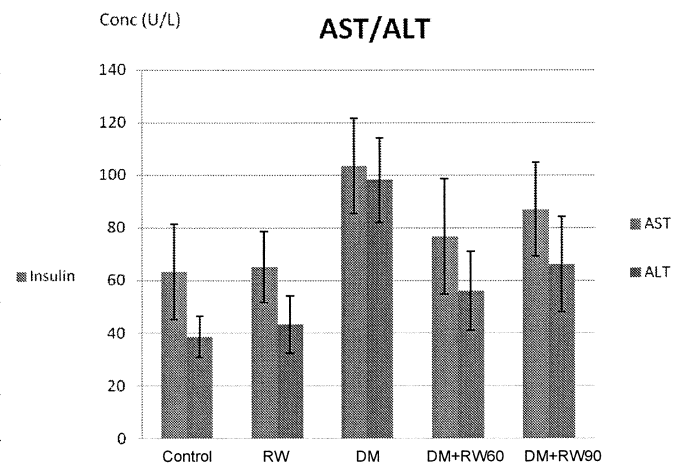


(b)

FIG.15



(a)



(b)

FIG.16

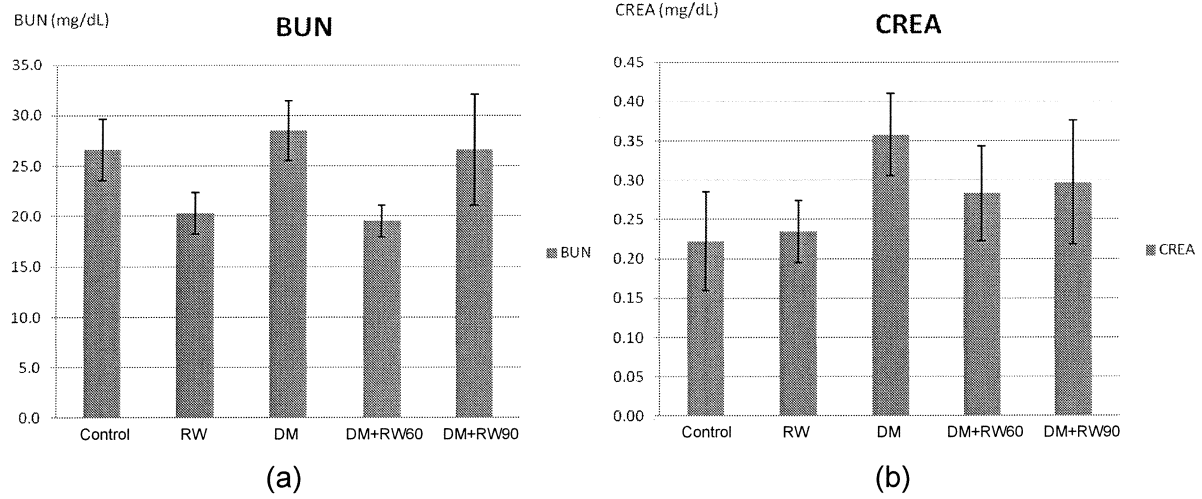


FIG.17

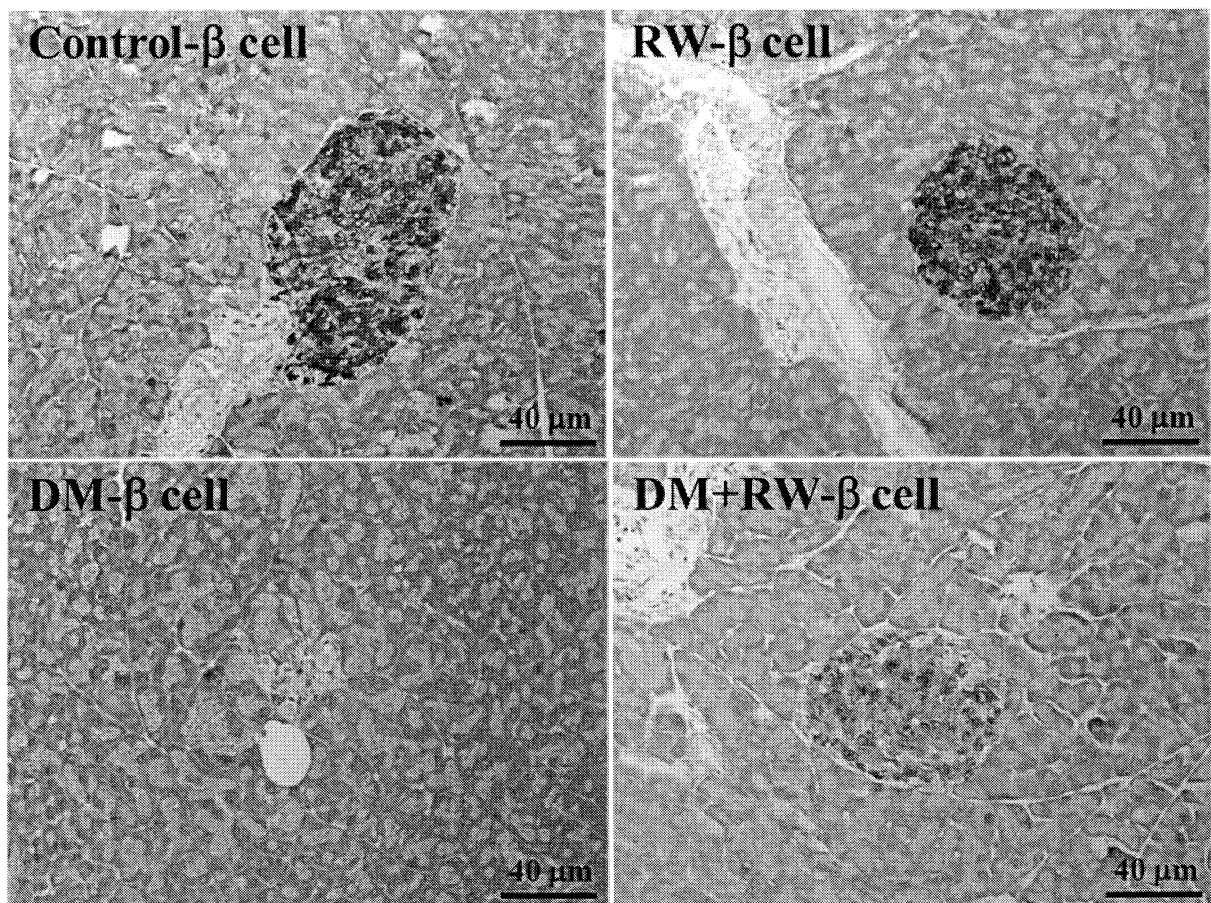


FIG.18

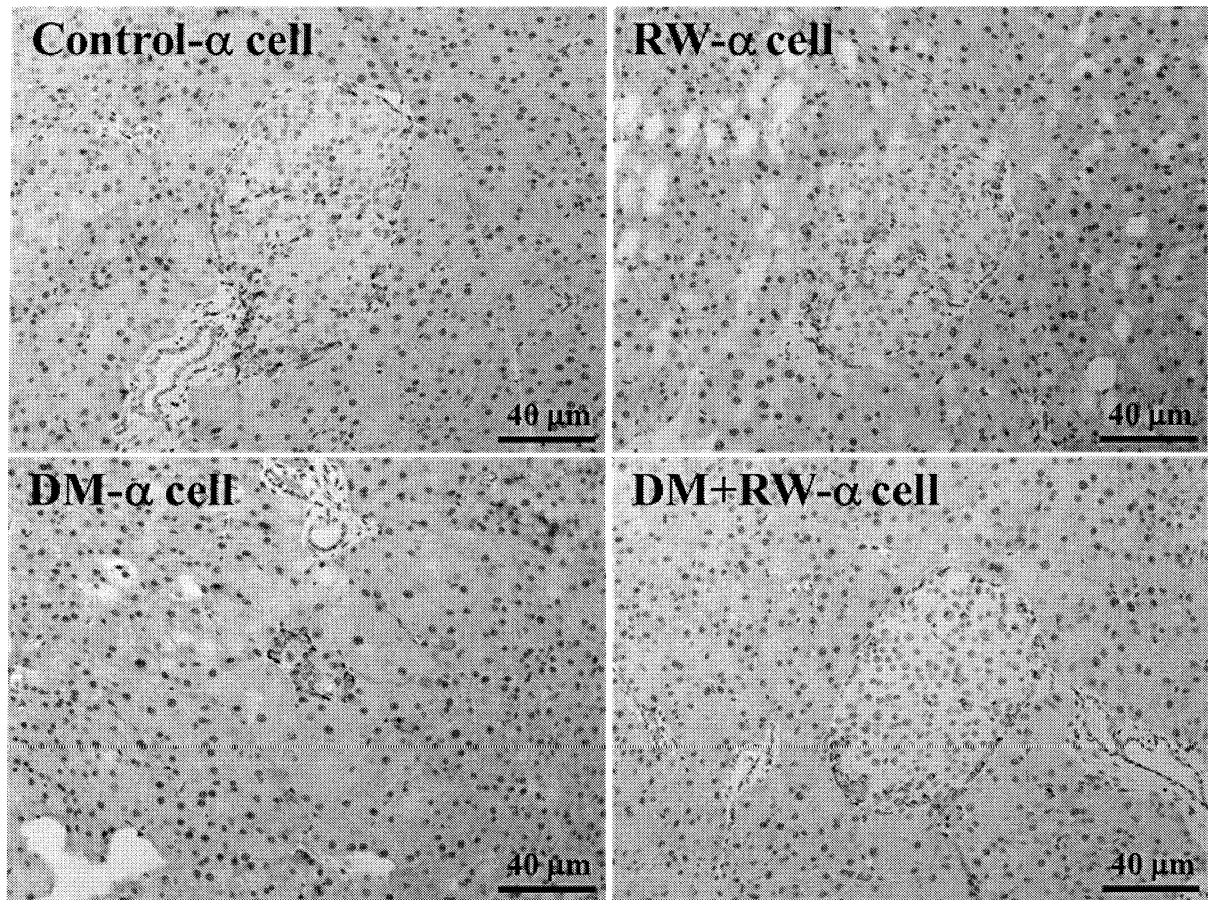


FIG.19