

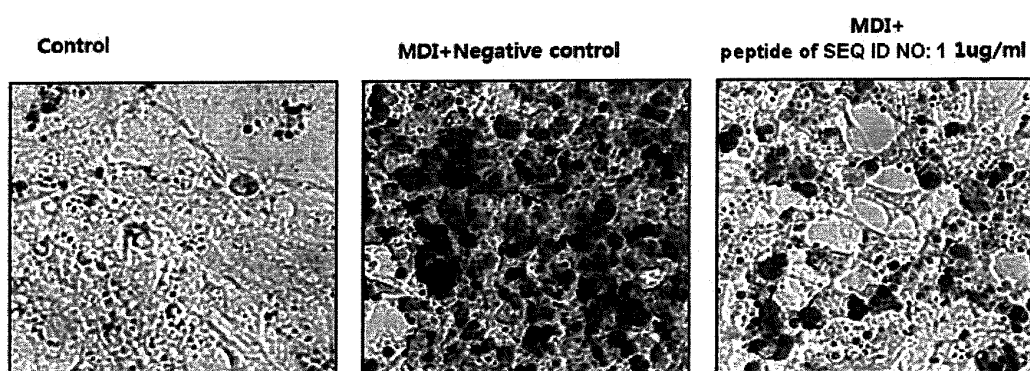


FIG. 1A

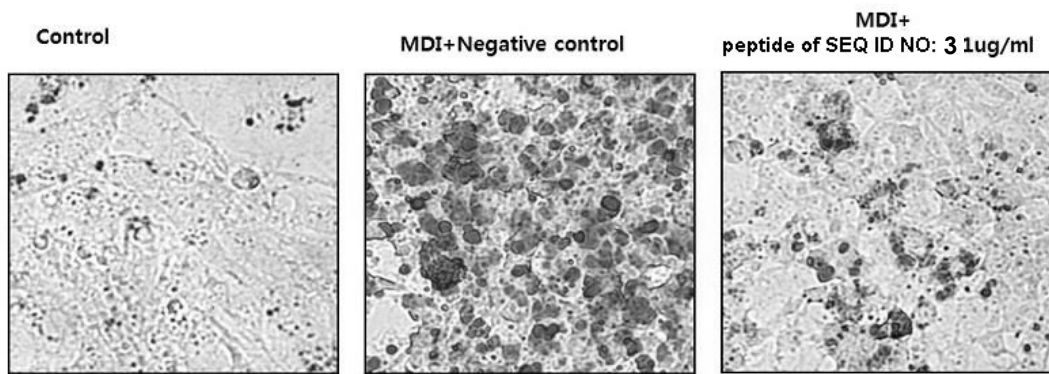


FIG. 1B

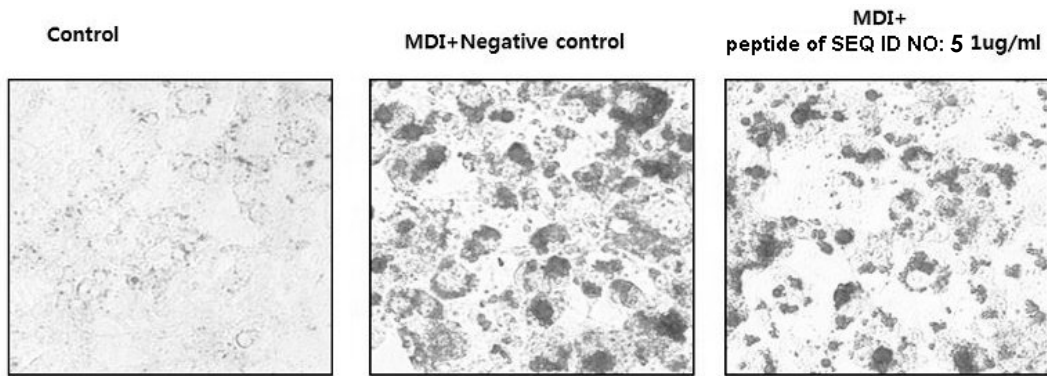


FIG. 1C

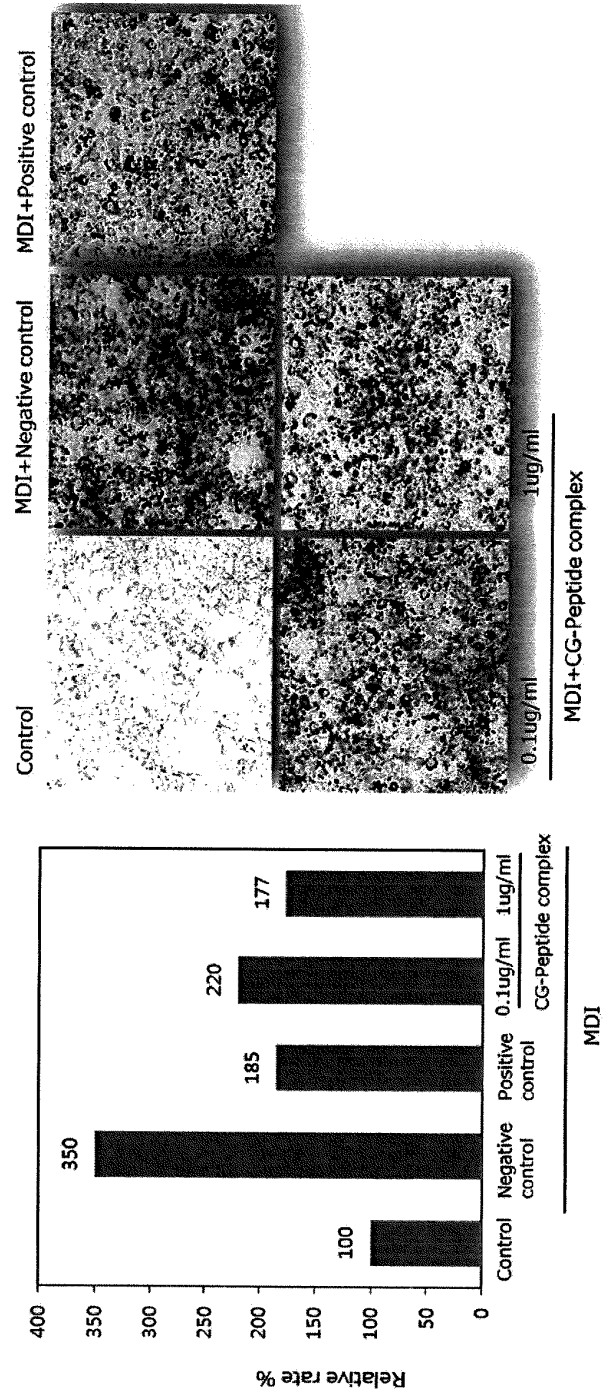


FIG. 2

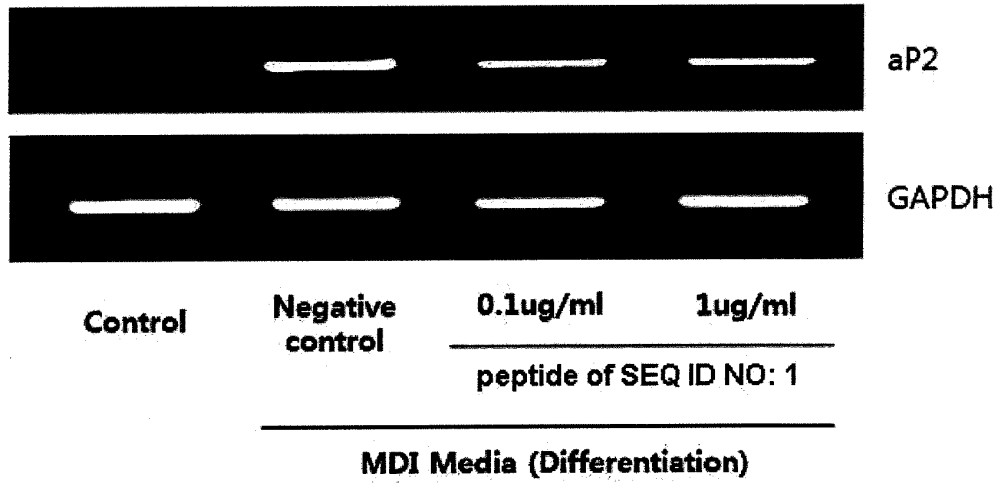


FIG. 3A

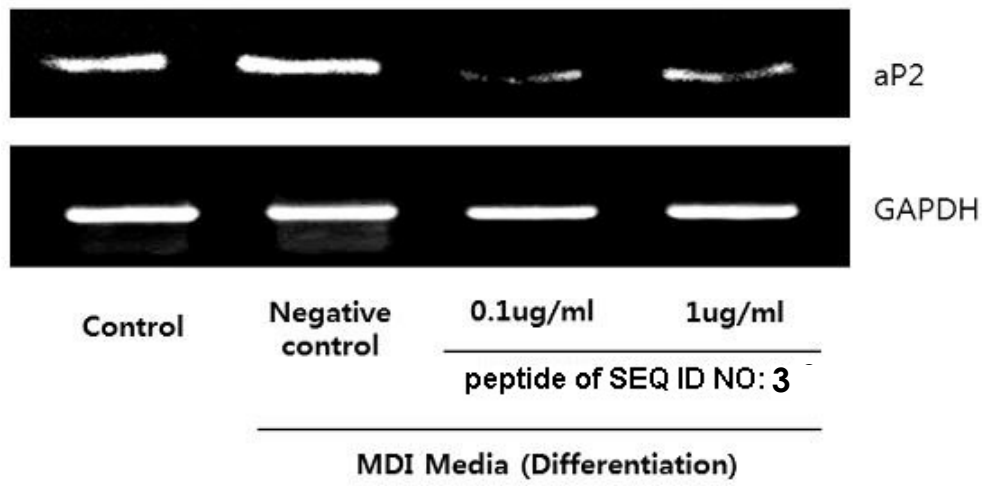


FIG. 3B

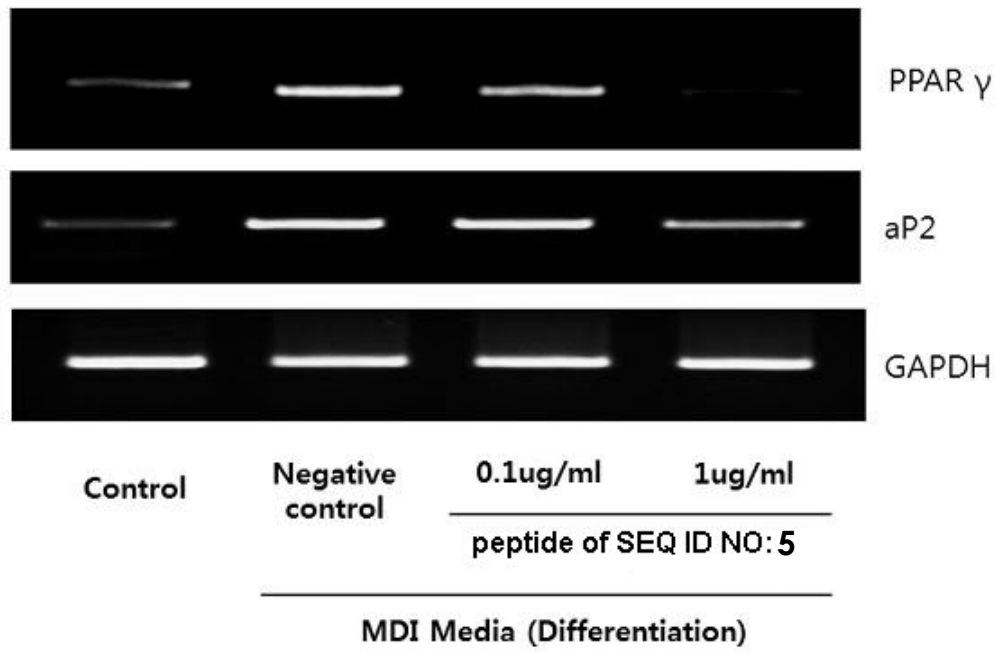


FIG. 3C

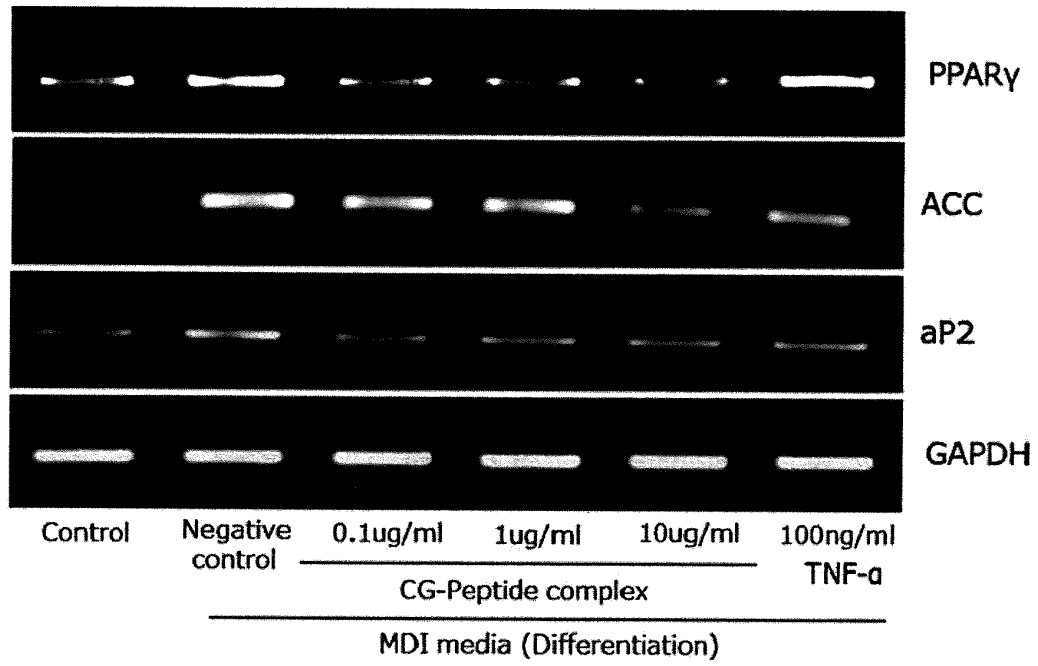


FIG. 4

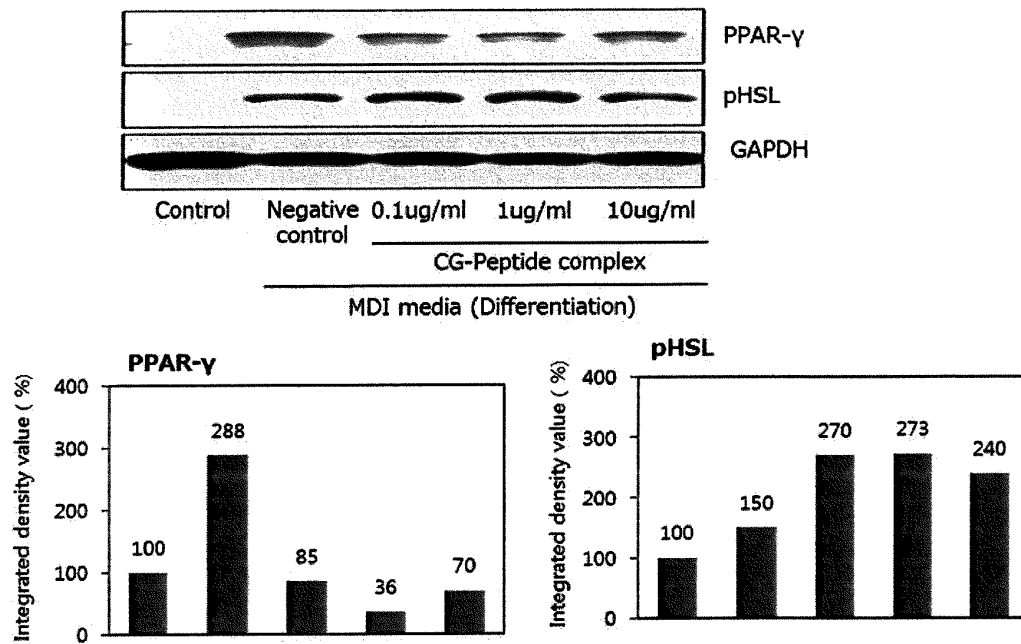


FIG. 5

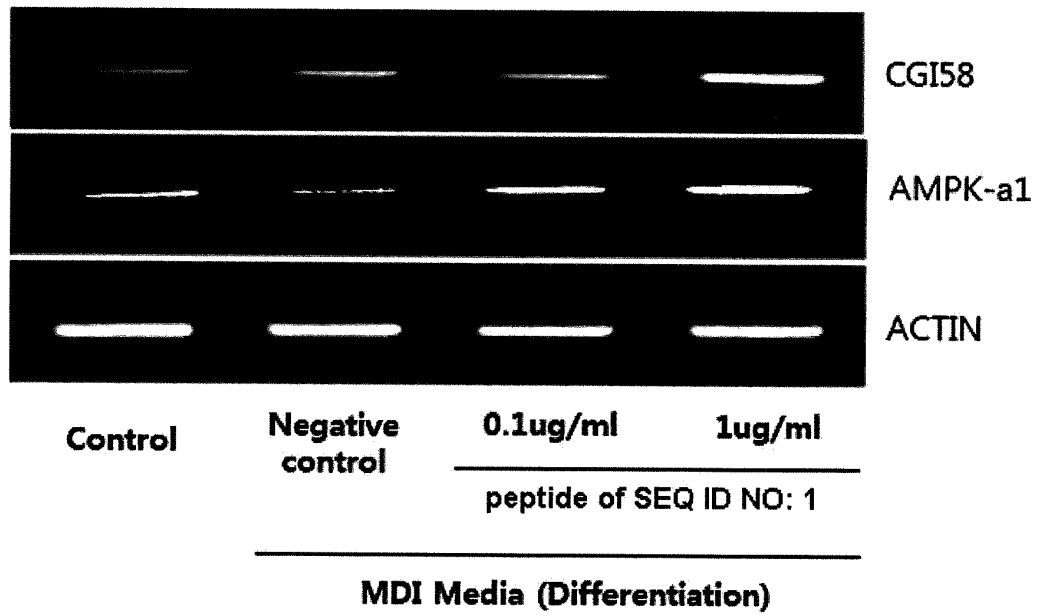


FIG. 6A

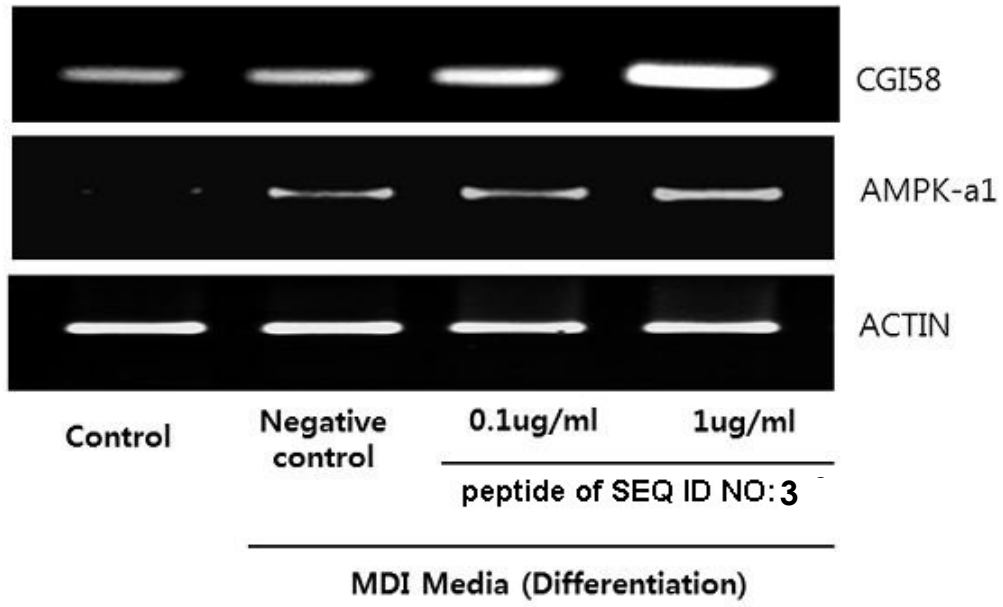


FIG. 6B

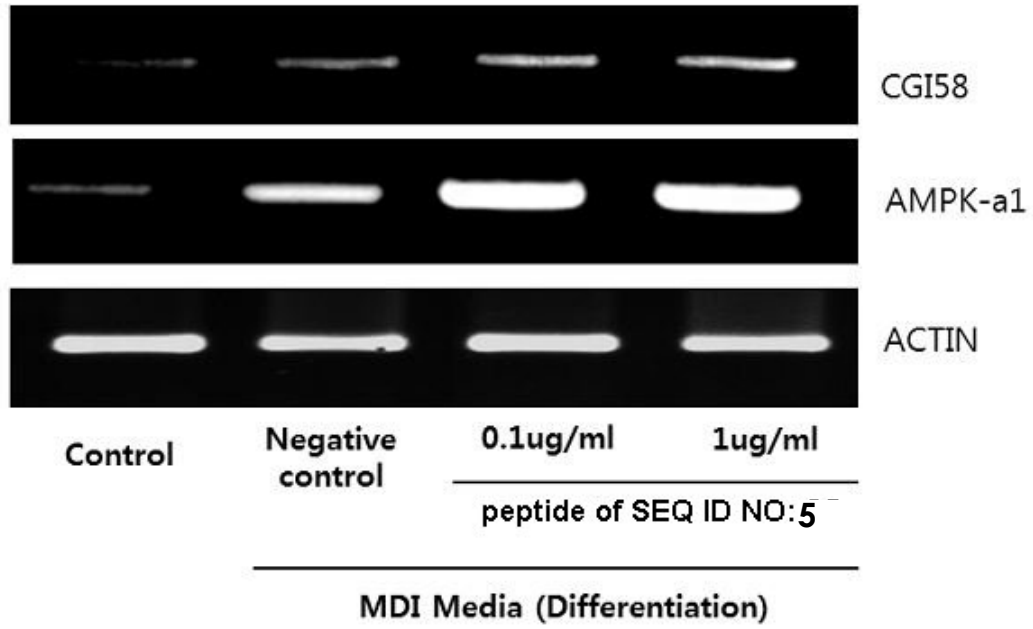


FIG. 6C

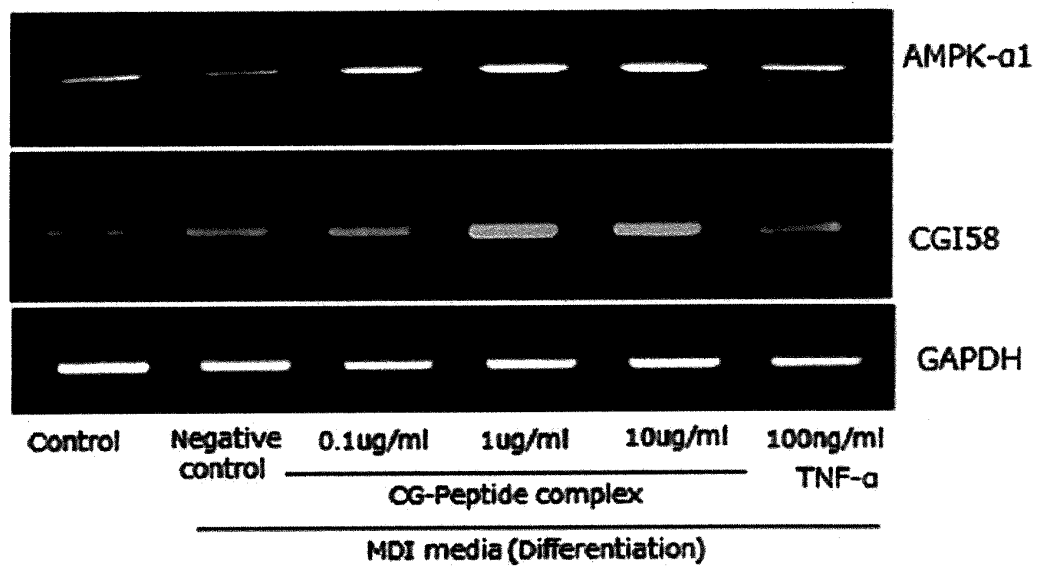


FIG. 6D

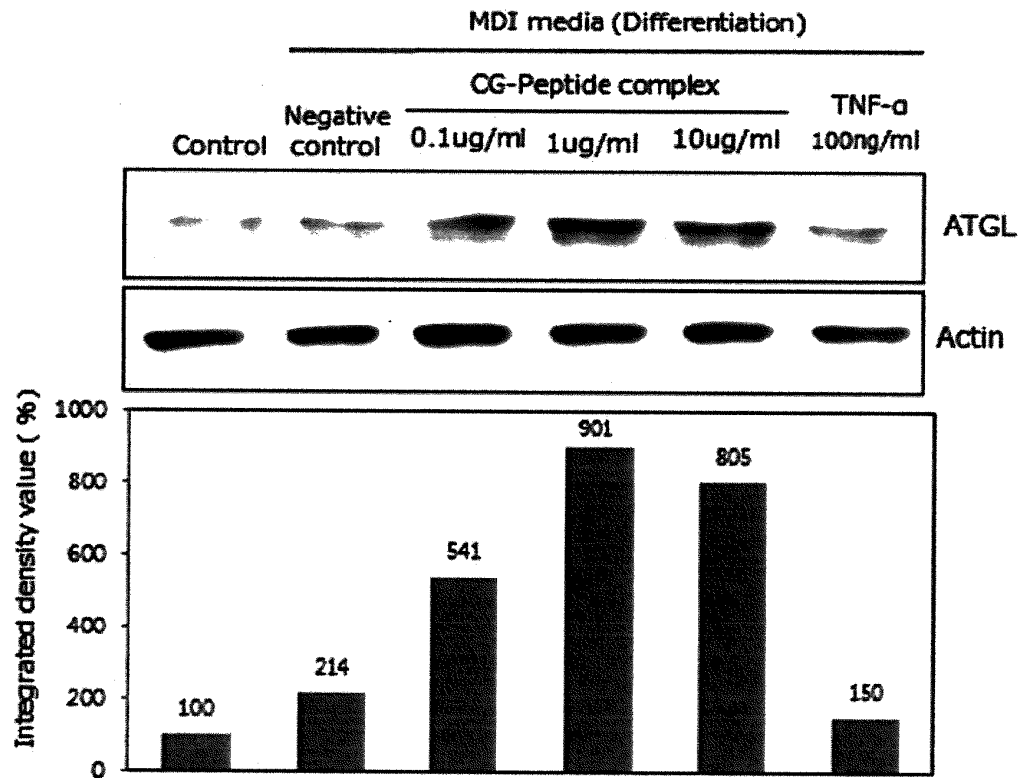


FIG. 7

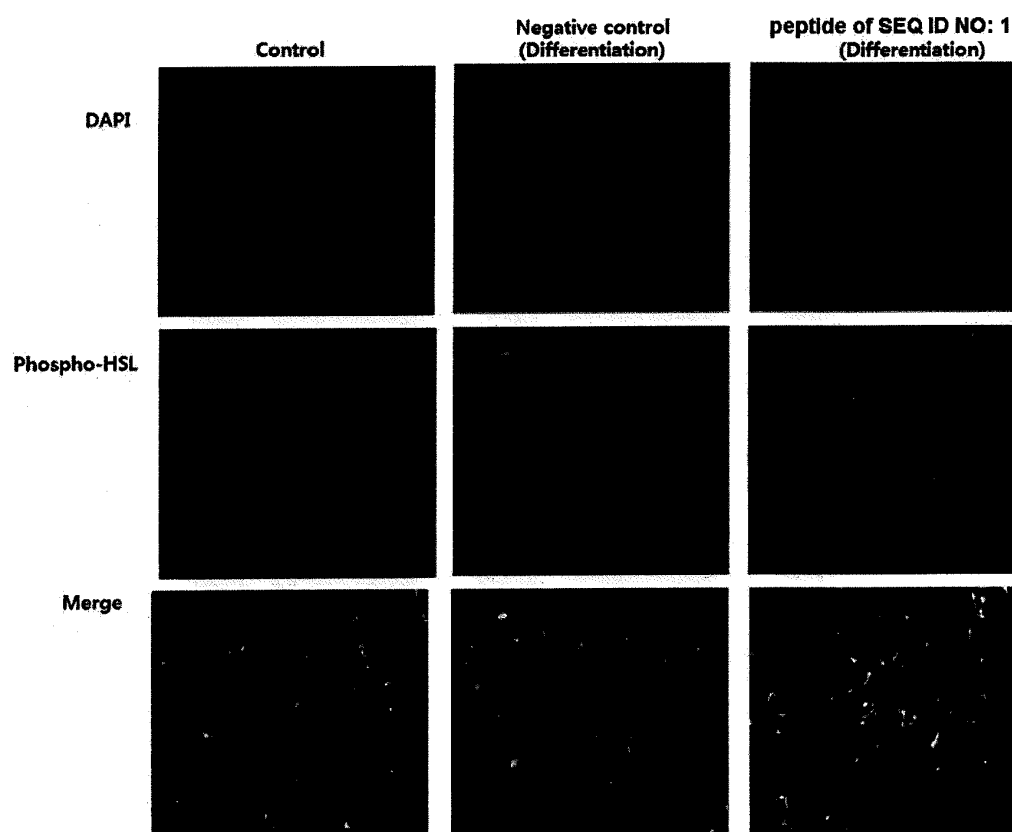


FIG. 8A

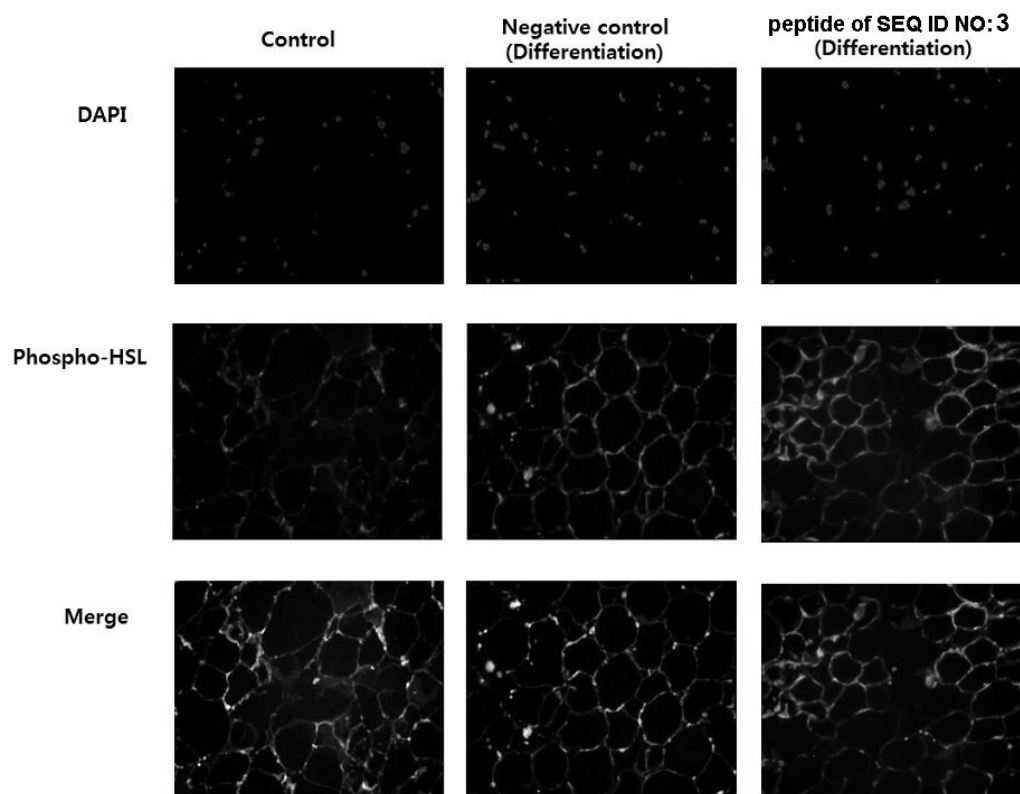


FIG. 8B

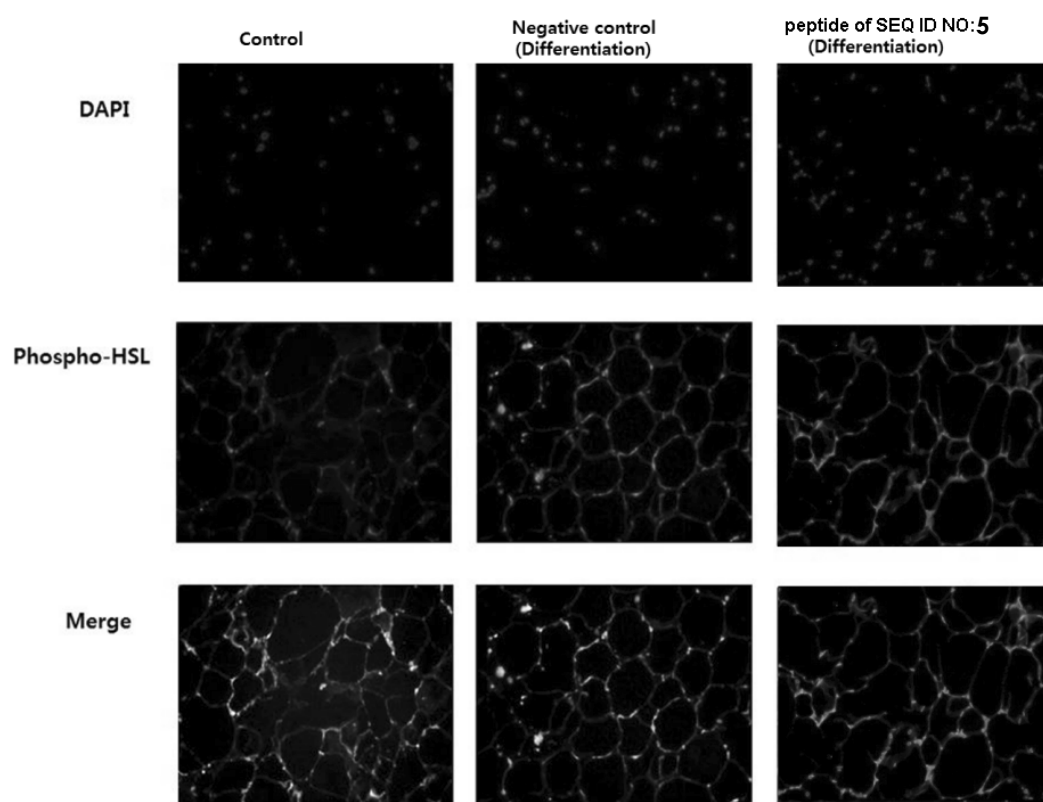


FIG. 8C

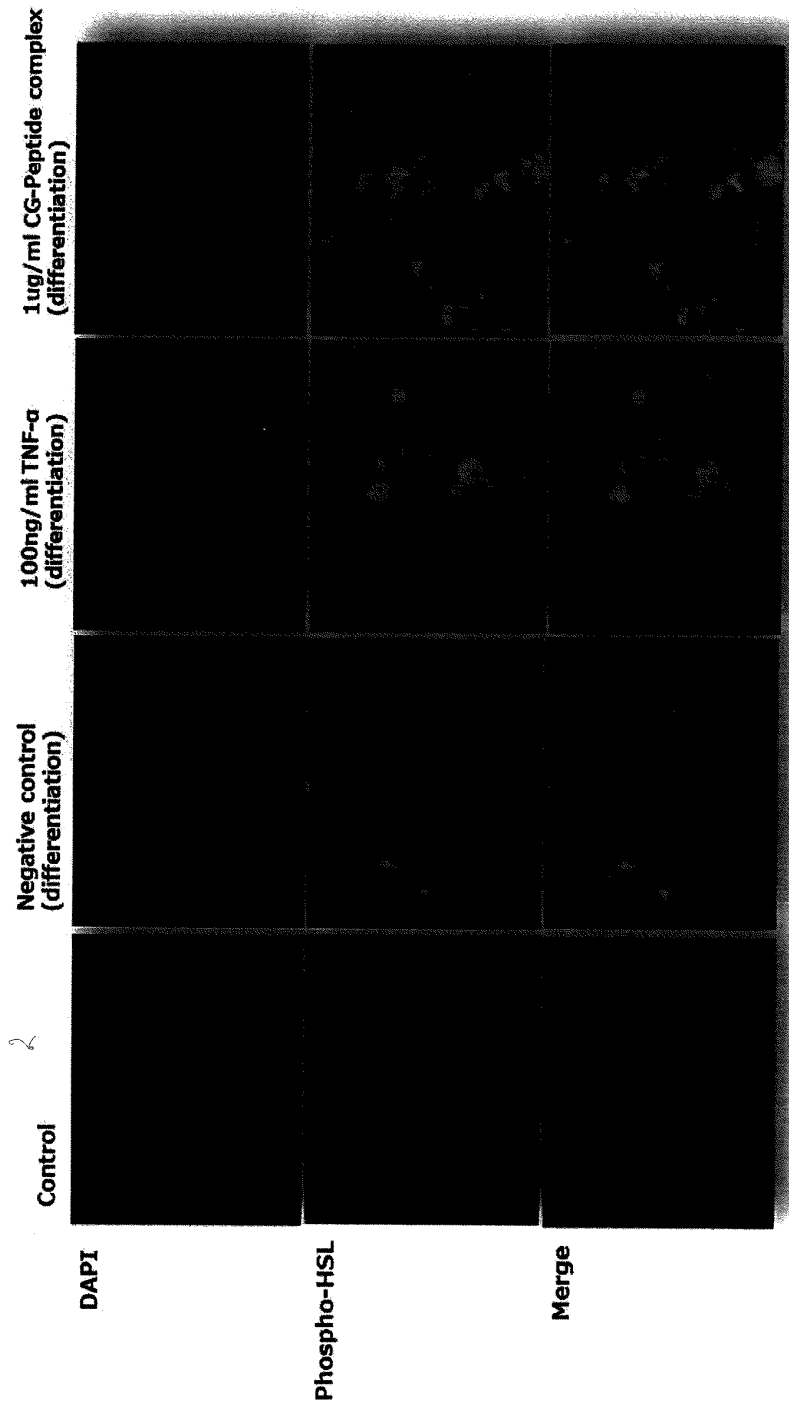


FIG. 8D

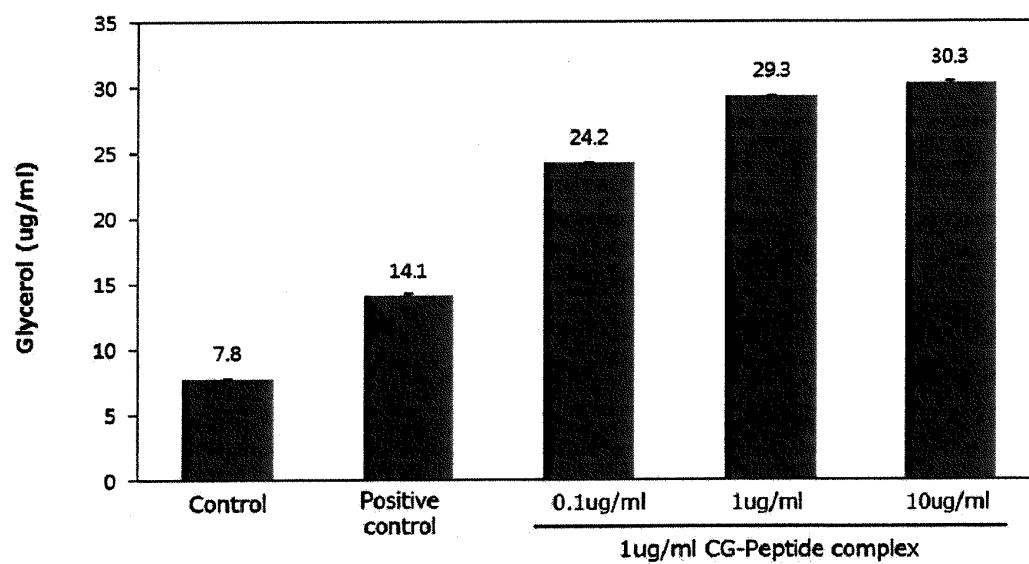


FIG. 9

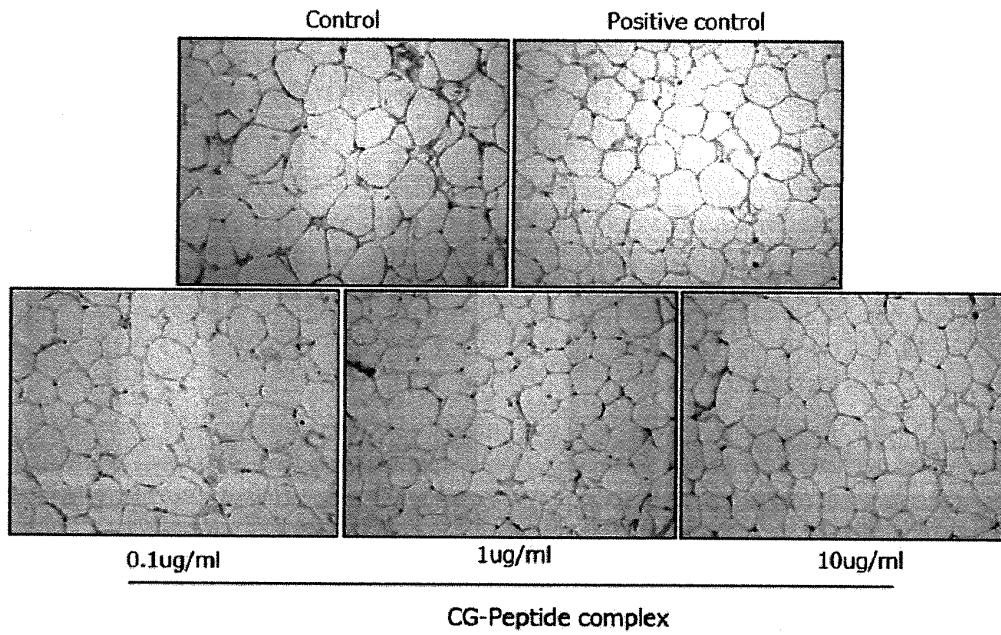


FIG. 10A

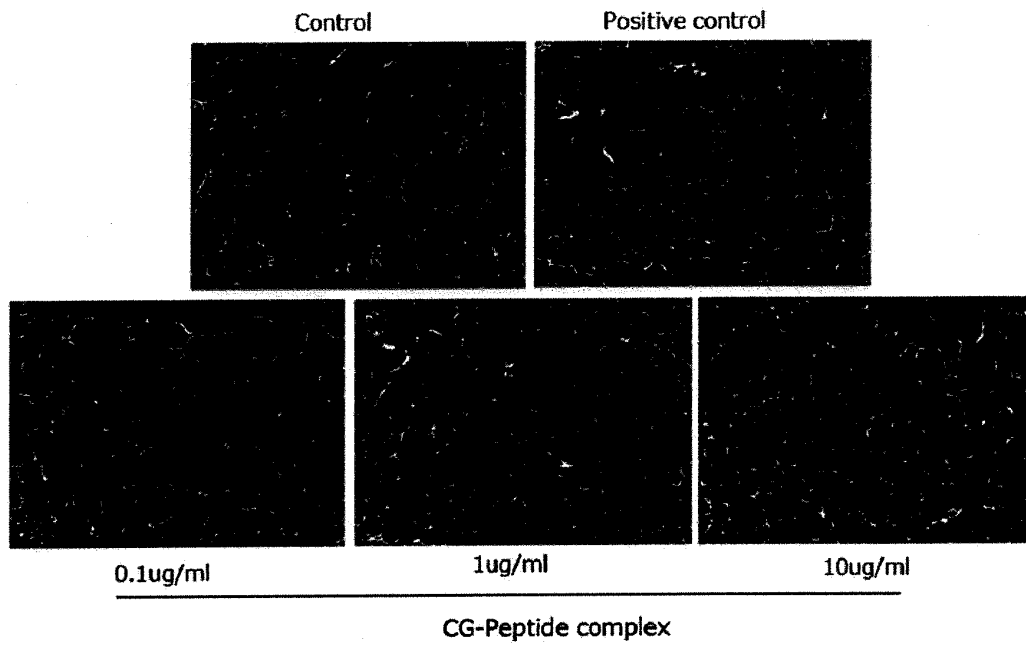


FIG. 10B

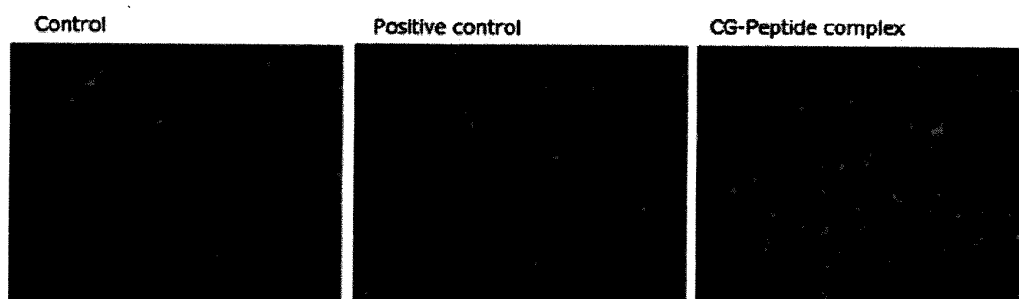


FIG. 11

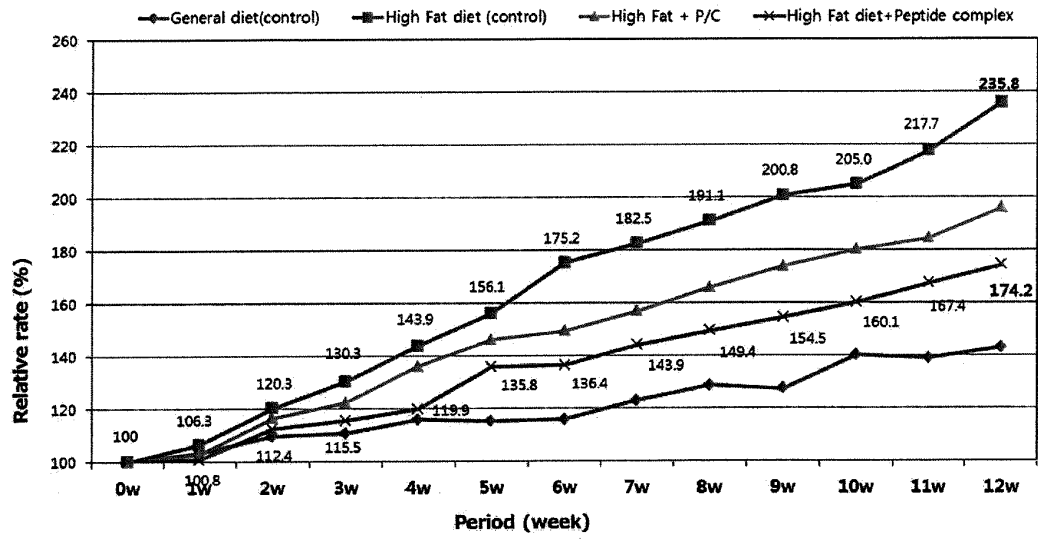


FIG. 12

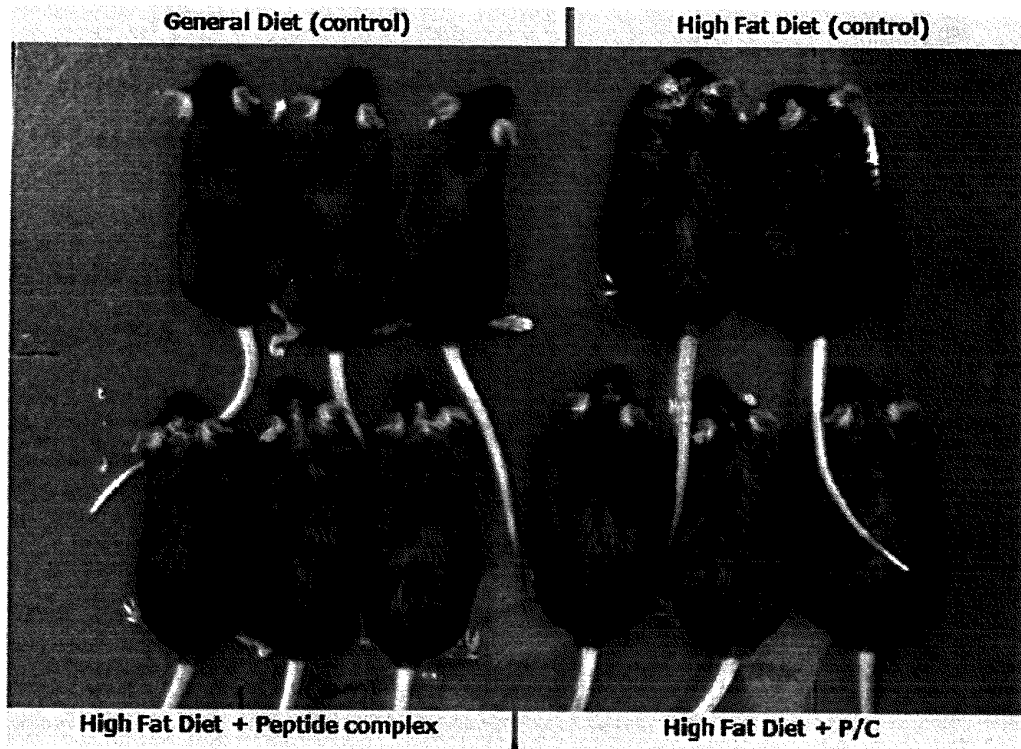


FIG. 13

<i>(general diet)</i>	<i>(2weeks)</i>	<i>(10weeks) Control</i>	<i>(10weeks) + complex (8weeks)</i>	<i>(10weeks) + TNFα (8weeks)</i>
Yellow: Fat tissue				
	Total Volume(mm ³)	Total Fat(mm ³)	Visceral Fat(mm ³)	Subcutaneous Fat(mm ³)
Control <i>(general diet)</i>	4958.25	702.72	380.09	322.63
HFD(2weeks)	6530.09	2084.98	1411.14	673.84
HFD(10weeks)	12464.91	8014.03	5821.27	2192.76
HDF(10weeks) + complex (8weeks)	6012.12	1391.75	871.15	520.60
HDF(10weeks) + P.C (8weeks)	8240.67	4165.80	2833.72	1332.08

FIG. 14

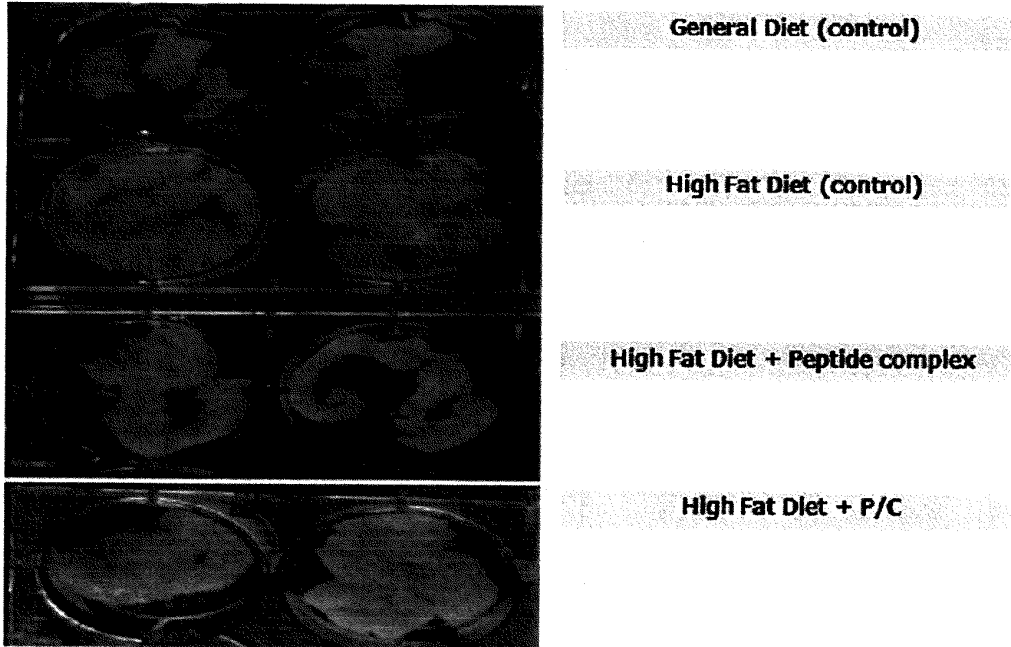


FIG. 15

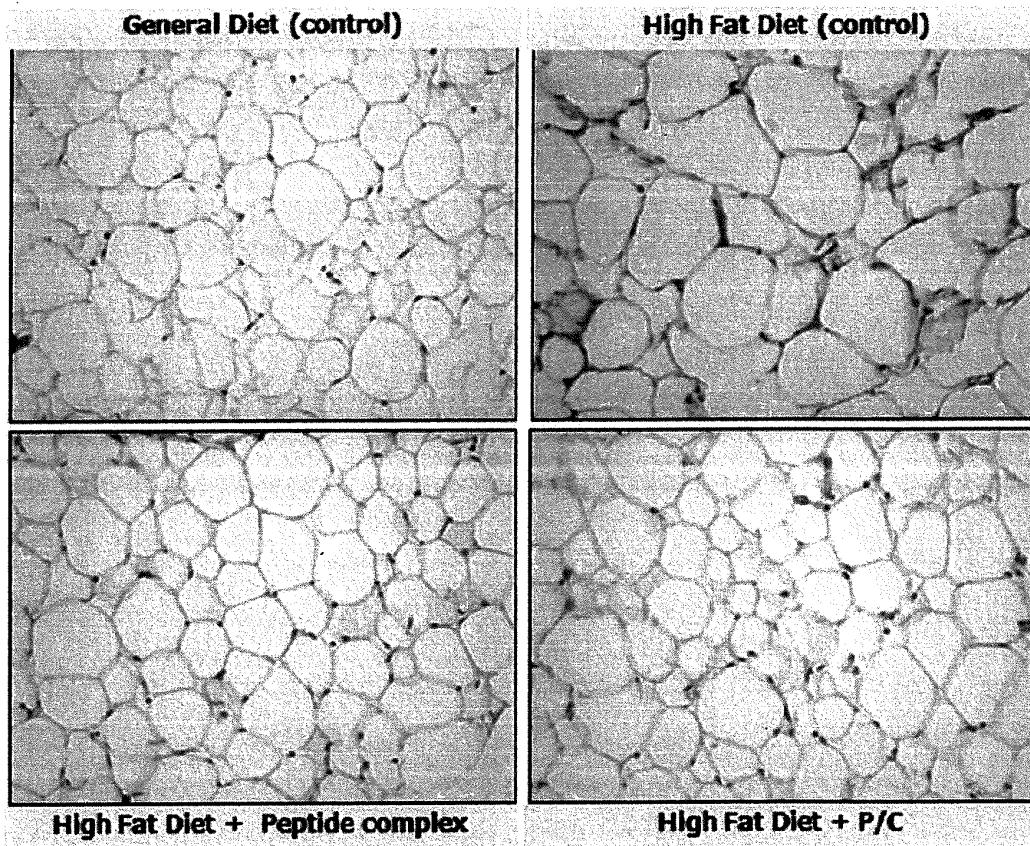


FIG. 16A

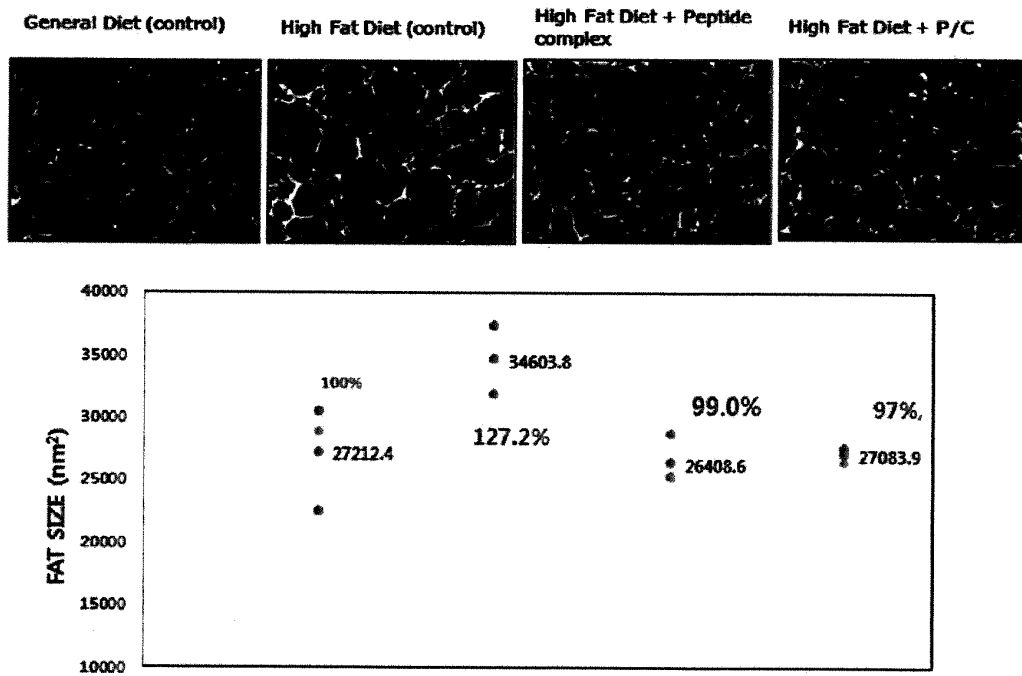


FIG. 16B

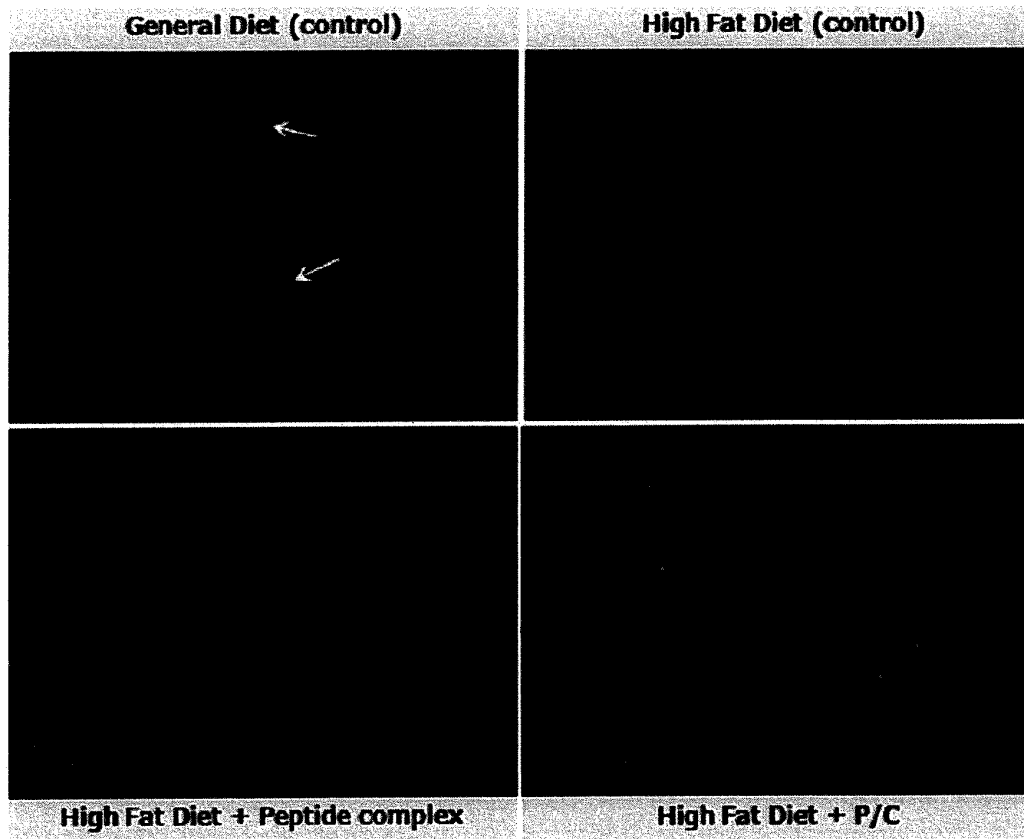


FIG. 17

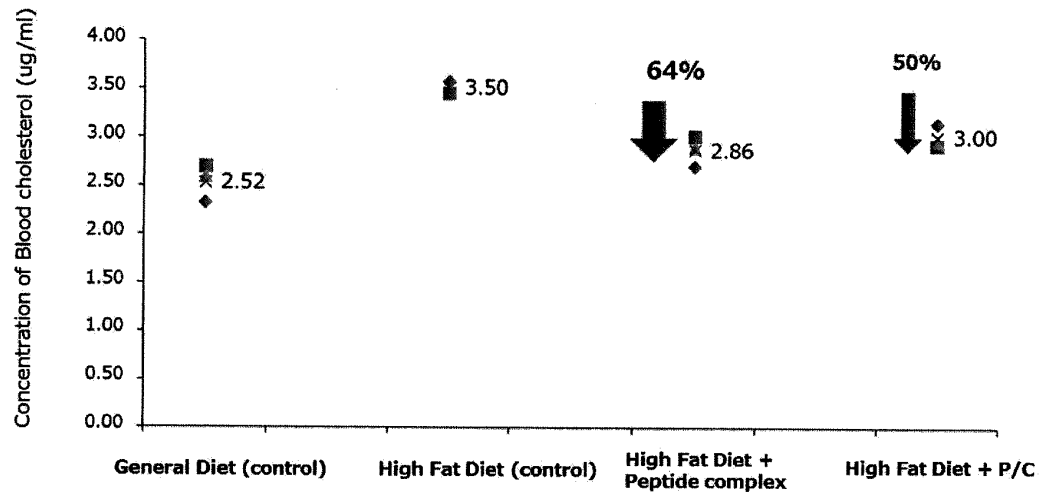


FIG. 18

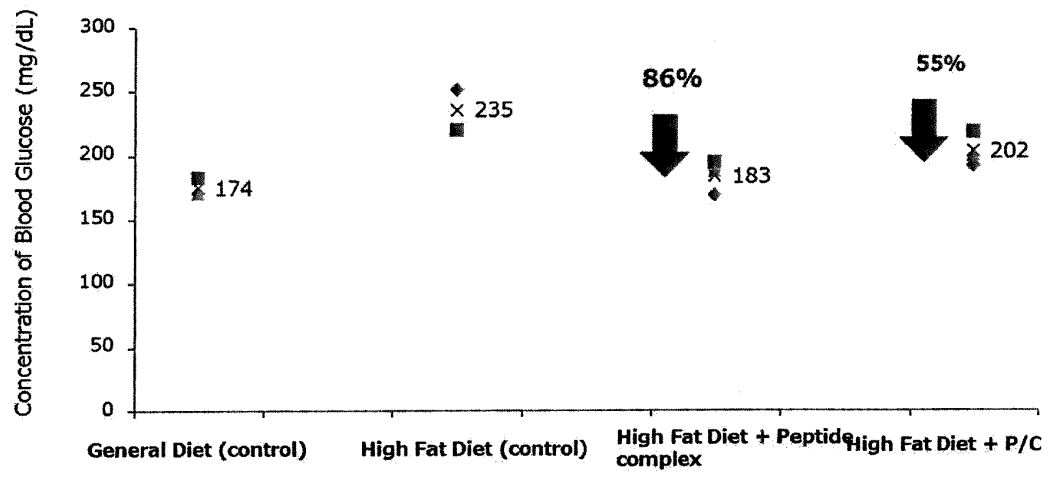


FIG. 19

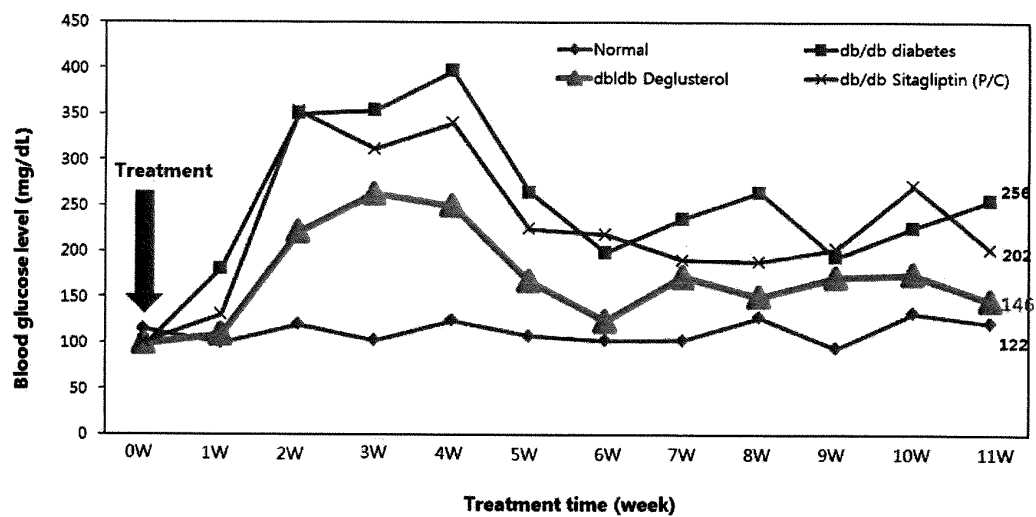


FIG. 20A

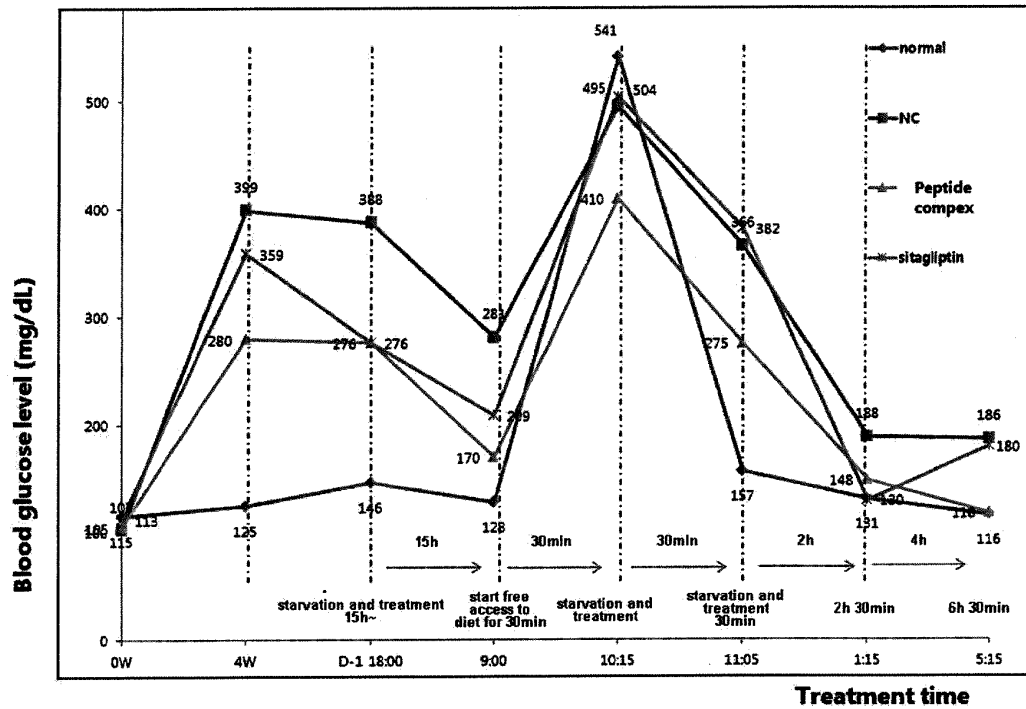


FIG. 20B

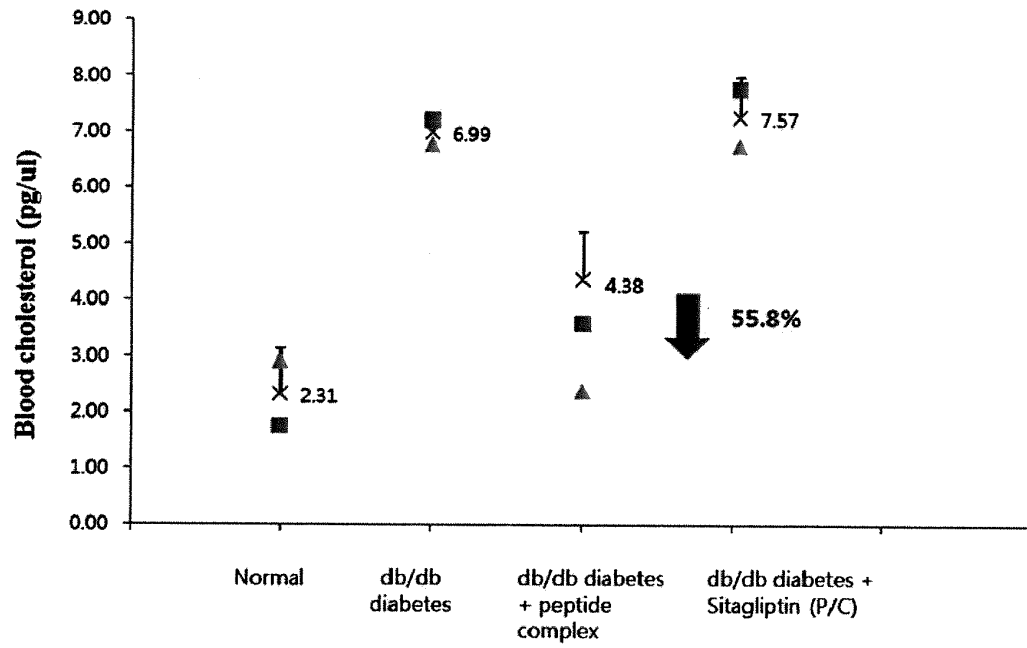


FIG. 21

blood sugar level (mg/dL)								
		fasting blood sugar level	intake and diet	30min post-meal	60min post-meal	120min post-meal	240min post-meal	300min post-meal
Normal	Normal	105		184	181	147	151	135
high fat diabetes	PBS	178		227	250	301	247	200
	peptide of SEQ ID NO: 1	172		212	225	163	147	145

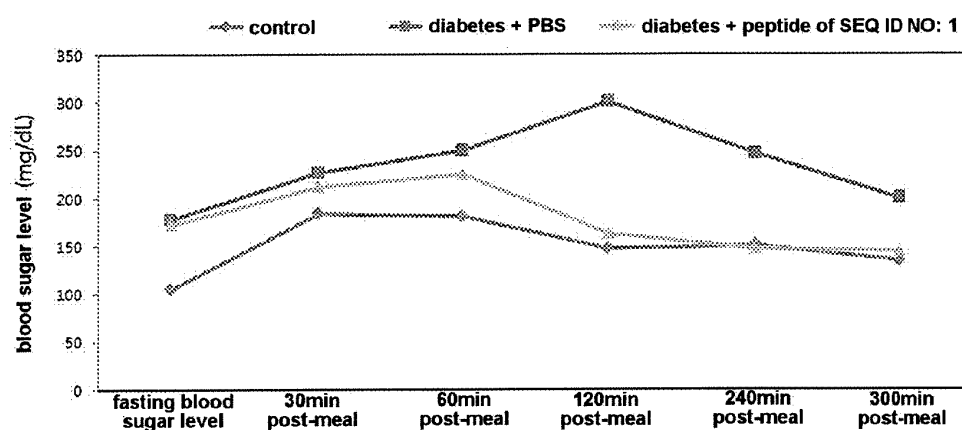


FIG. 22A

blood sugar level (mg/dL)								
		fasting blood sugar level	intake and diet	30min post-meal	60min post-meal	120min post-meal	240min post-meal	300min post-meal
Normal	Normal	105		184	181	147	151	135
high fat diabetes	PBS	178		227	250	301	247	200
	peptide of SEQ ID NO: 3	181		219	231	174	158	152

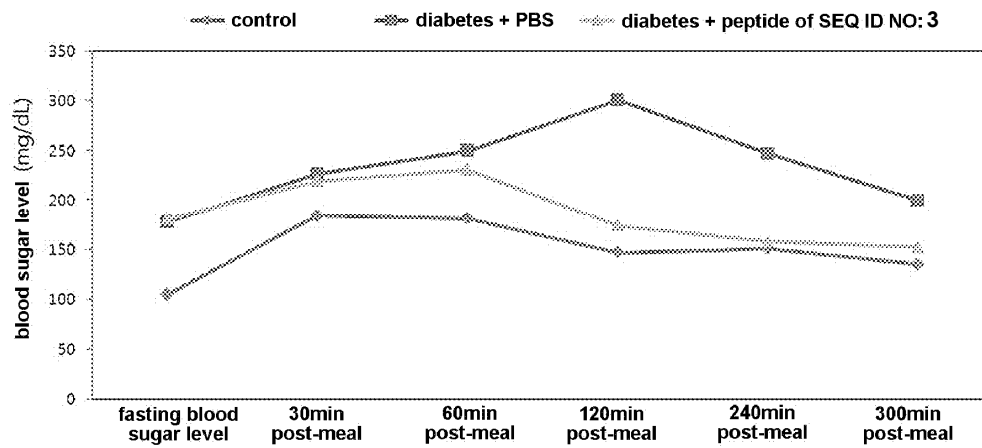


FIG. 22B

blood sugar level (mg/dL)						
		fasting blood sugar level	intake and diet	30min post-meal	60min post-meal	120min post-meal
Normal	Normal	105		240min post-meal	300min post-meal	
high fat diabetes	PBS	178		184	181	147
	peptide of SEQ ID NO: 5	165		227	250	301
				220	231	198
						172
						135
						200
						166

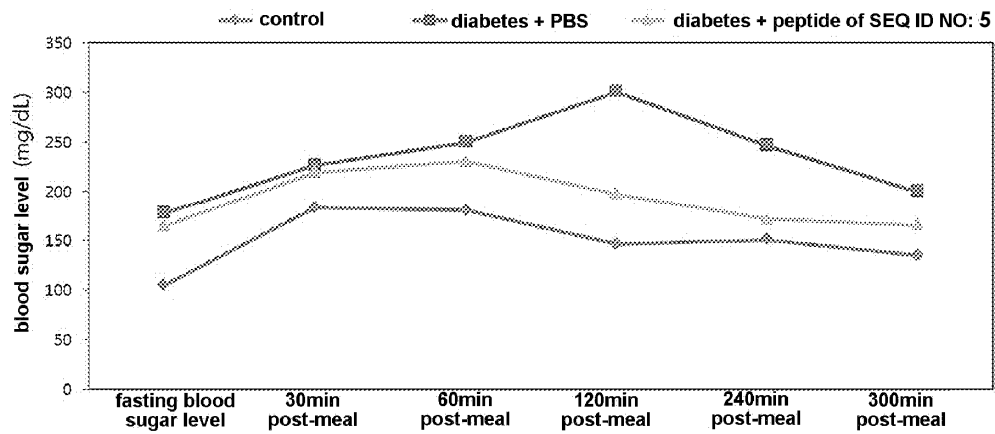


FIG. 22C

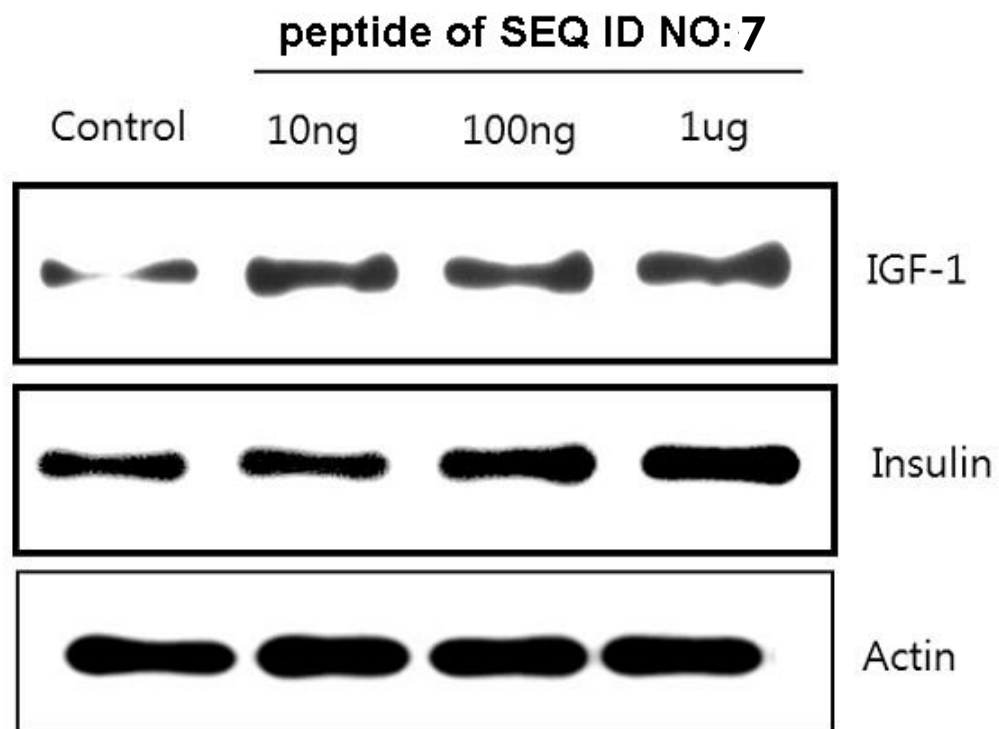


FIG. 23

blood sugar level (mg/dL)								
		fasting blood sugar level	intake and diet	30min post-meal	60min post-meal	120min post-meal	240min post-meal	300min post-meal
Normal	Normal	105		184	181	147	151	135
high fat diabetes	PBS	178		227	250	301	247	200
	peptide of SEQ ID NO: 7	185		219	223	171	169	163

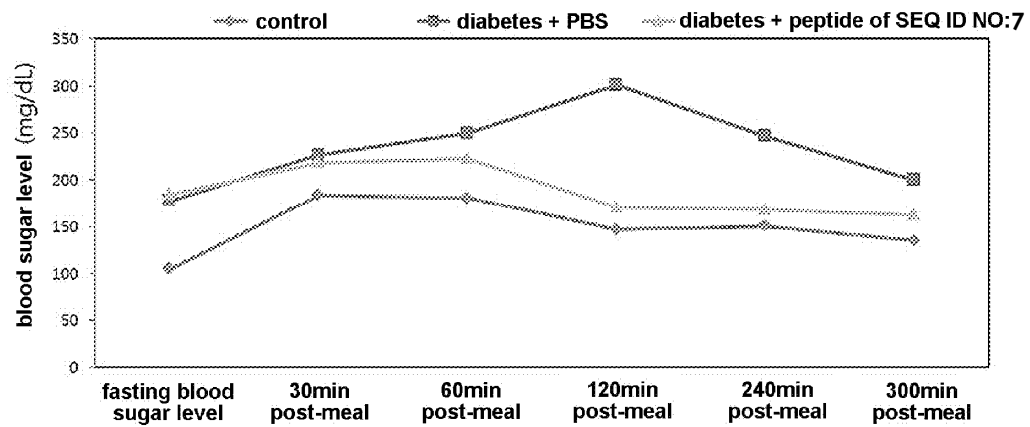


FIG. 24

Age: 59
Human type 2 diabetes mellitus
Treatment: once a day

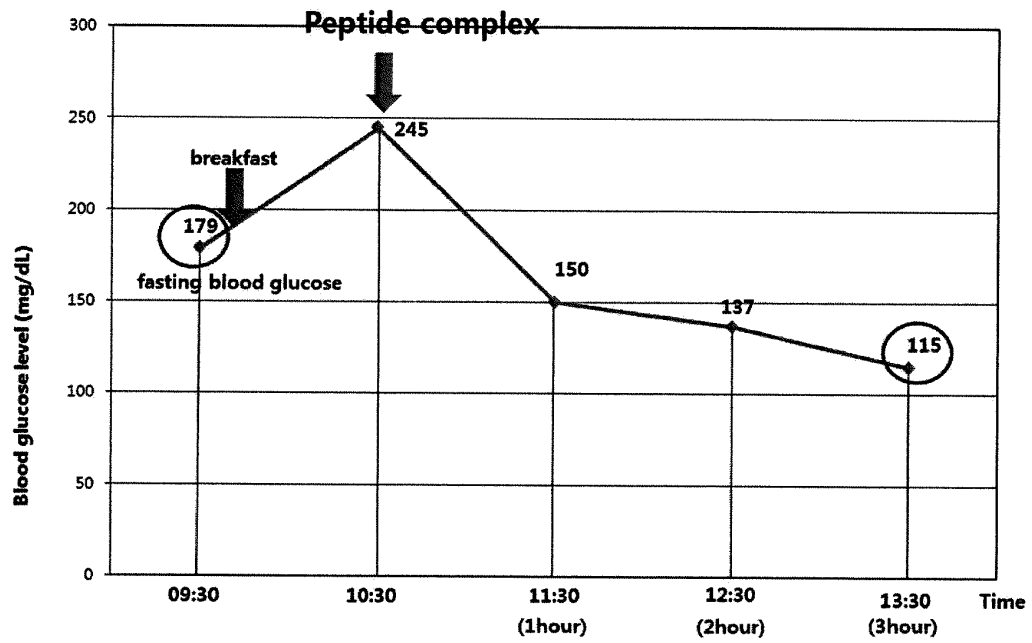


FIG. 25A

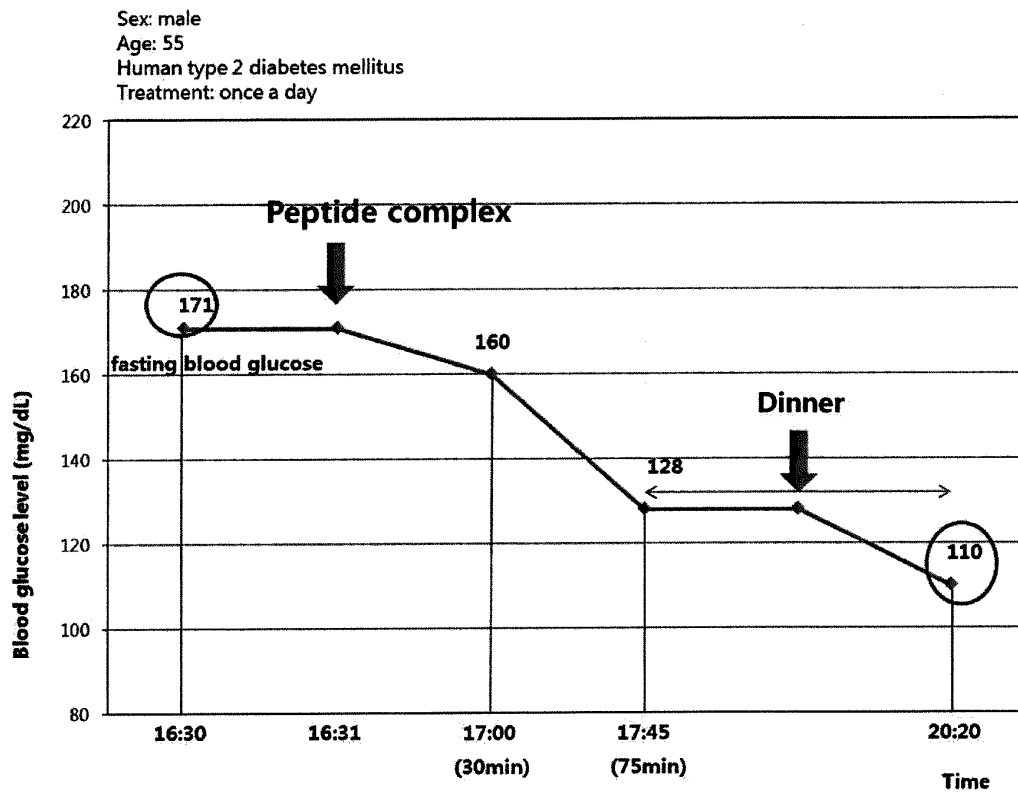


FIG. 25B

Sex: Female
Age: 65
Human type 2 diabetes mellitus
Treatment: once a day

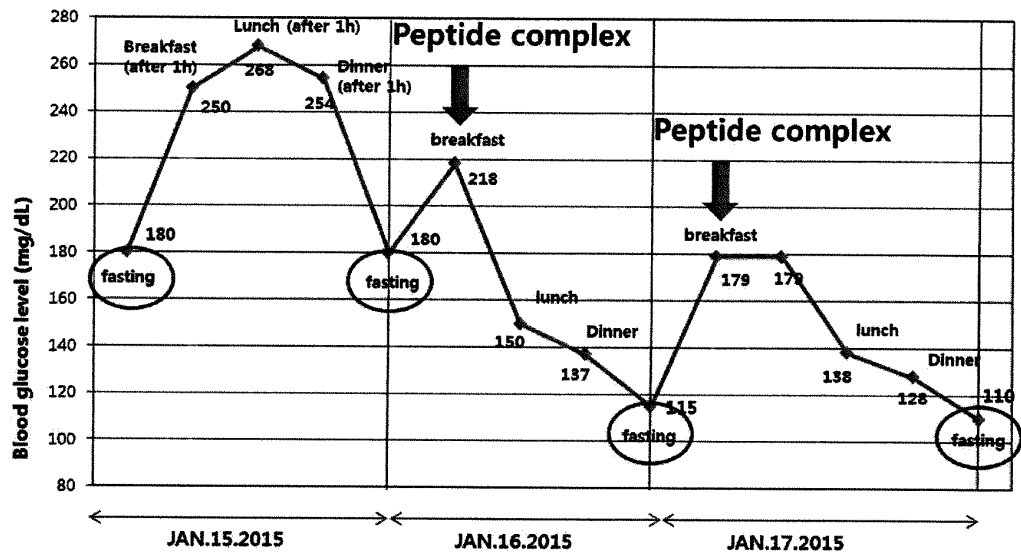


FIG. 25C

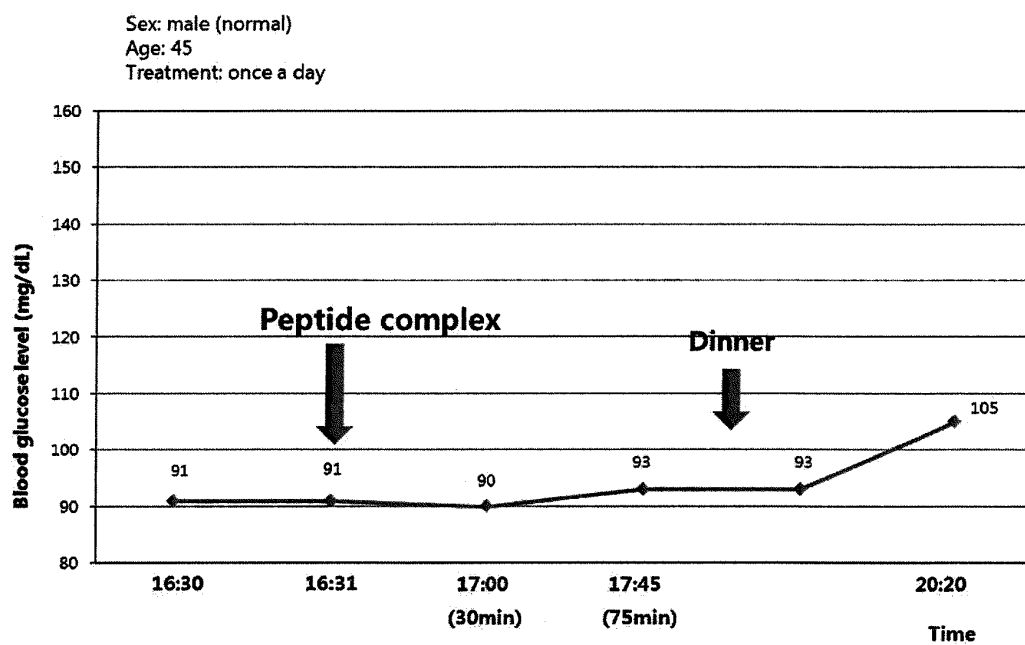


FIG. 25D