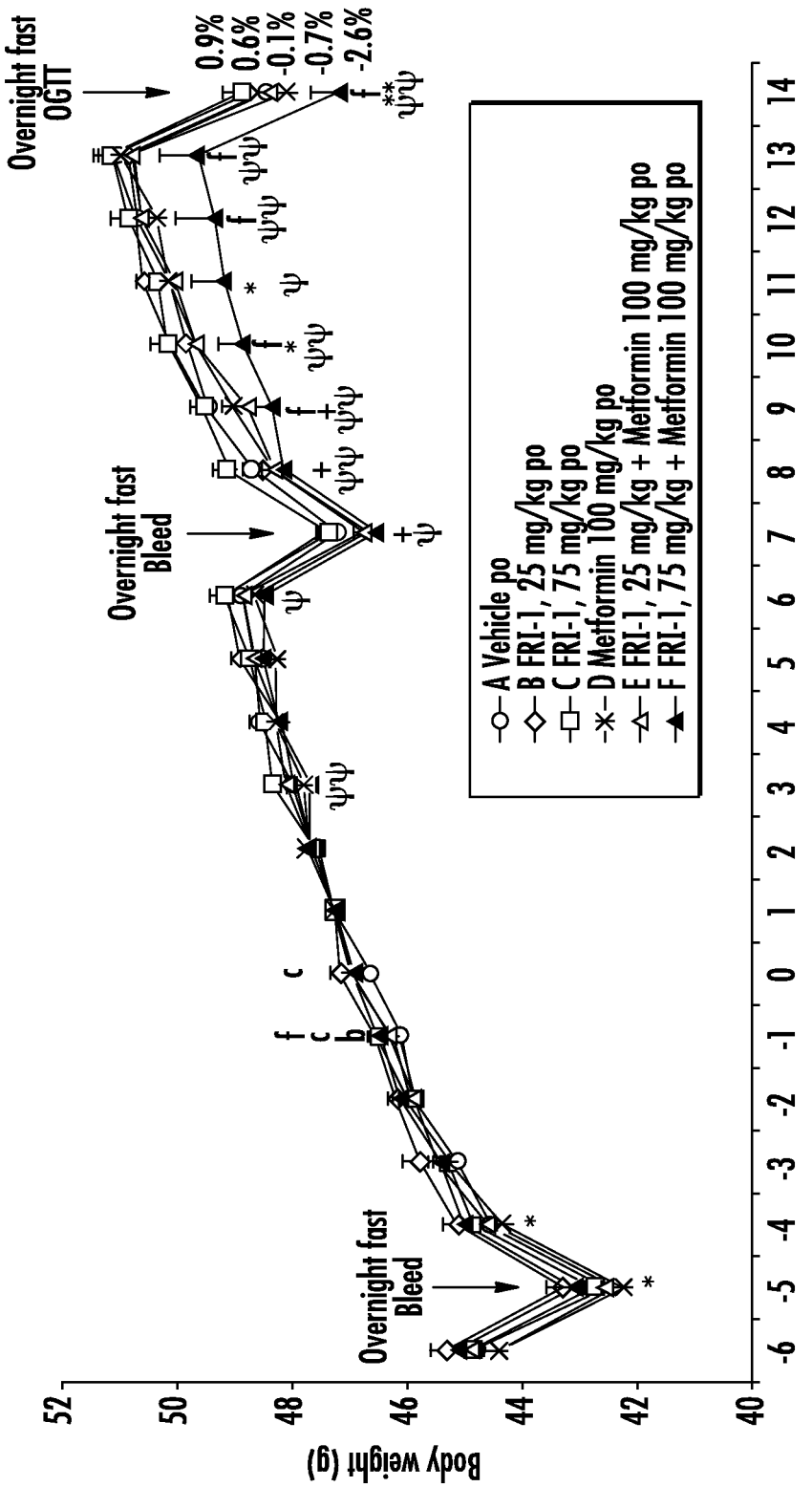
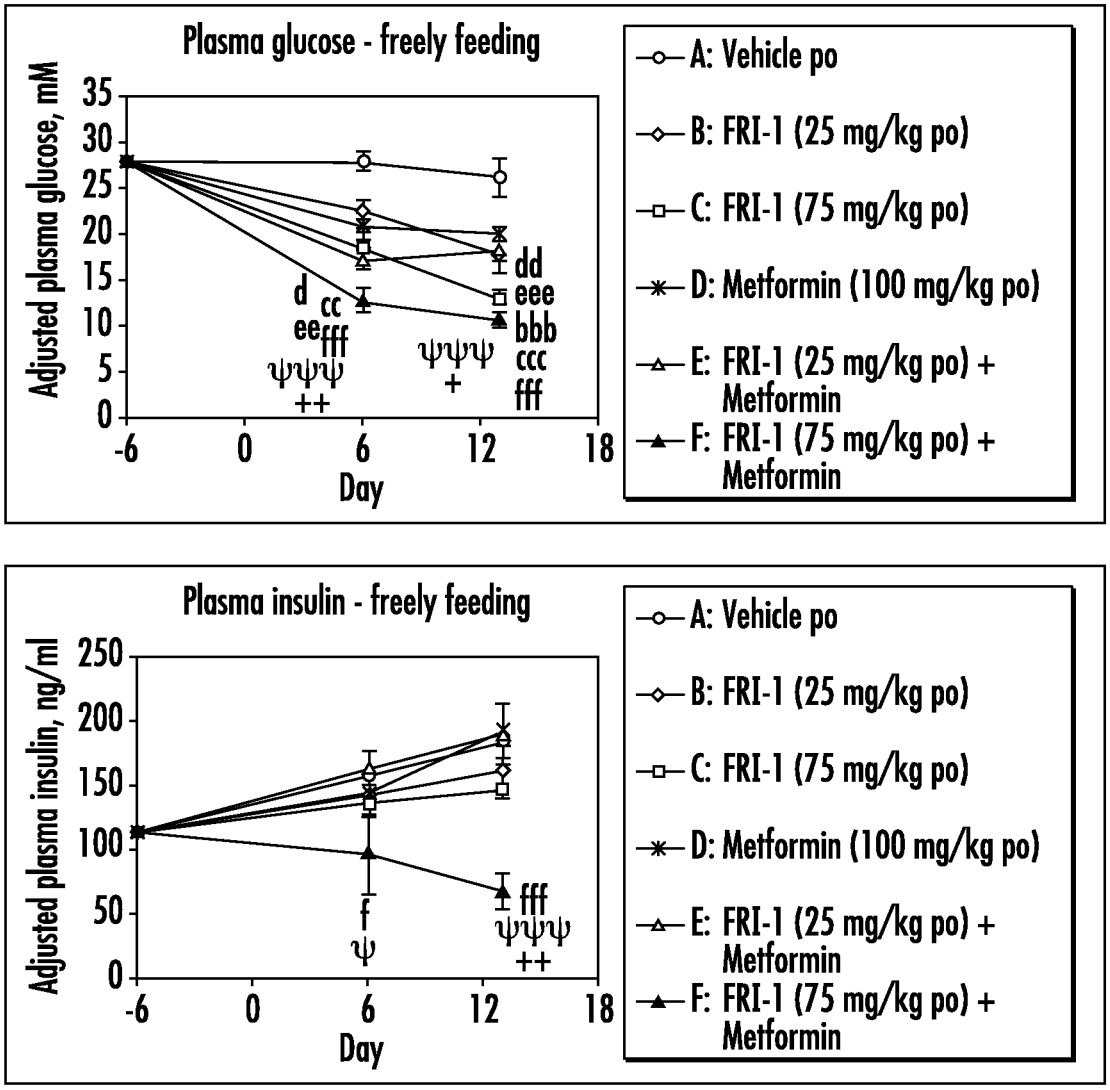


% Figures on right indicate difference from vehicle group on Day 14.

f, group F vs A, p<0.05; c, group C vs A, p<0.05; b, group B vs A, p<0.05; *, group F vs D, p<0.05; **, group F vs D, p<0.01; ψ, group F vs C, p<0.05; ψψ, group F vs C, p<0.01; +, group E vs B, p<0.05.

FIGURE 1



b, group B vs A; c, group C vs A; d, group D vs A; e, group E vs A; f, group F vs A; ψ, group F vs D; +, group F vs C.

one symbol, $p<0.05$; 2 symbols, $p<0.01$; 3 symbols, $p<0.001$.

FIGURE 2

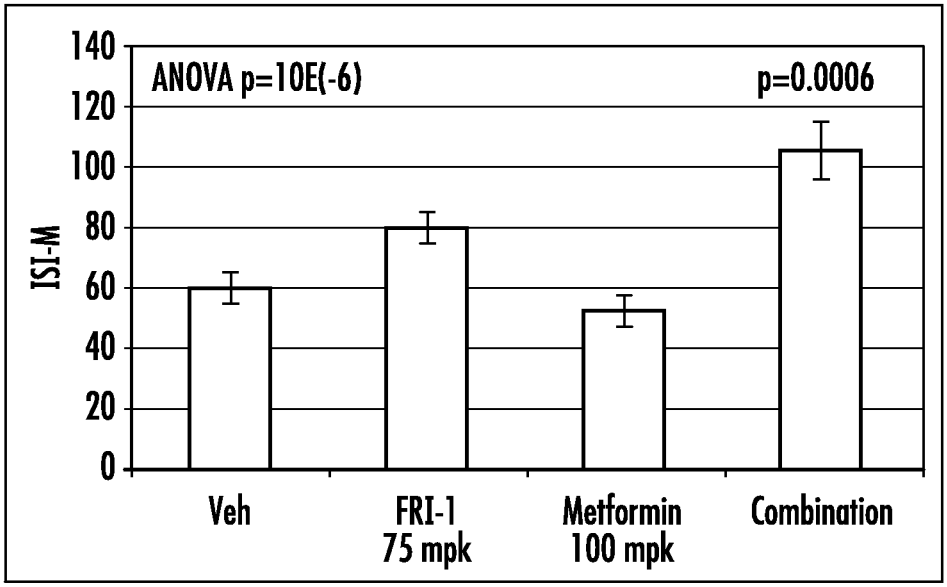

ANOVA p=10E(-6)
p=0.0006
ISI-M
140
120
100
80
60
40
20
0
Veh
FRI-1
75 mpk
Metformin
100 mpk
Combination

FIGURE 3

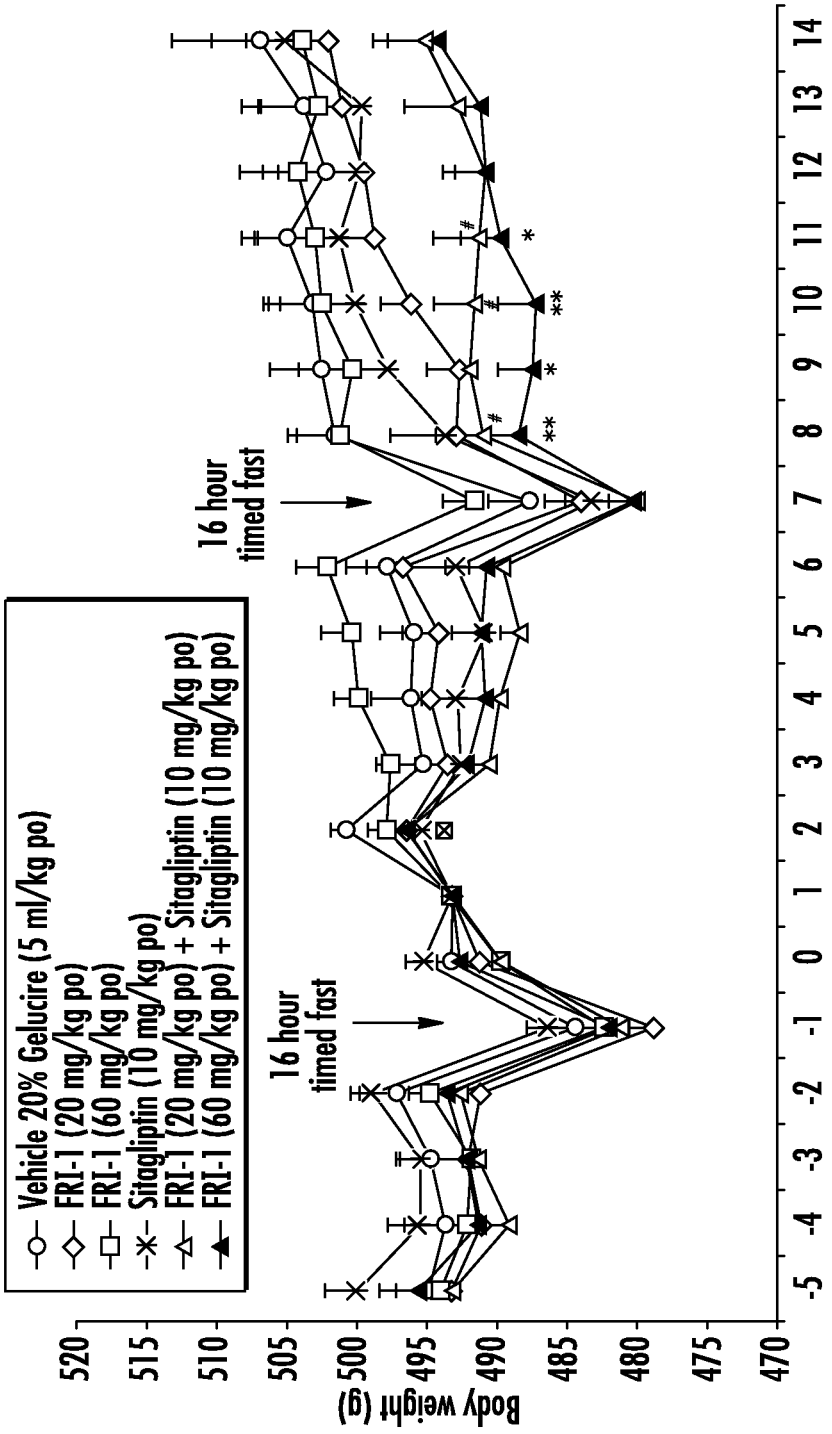
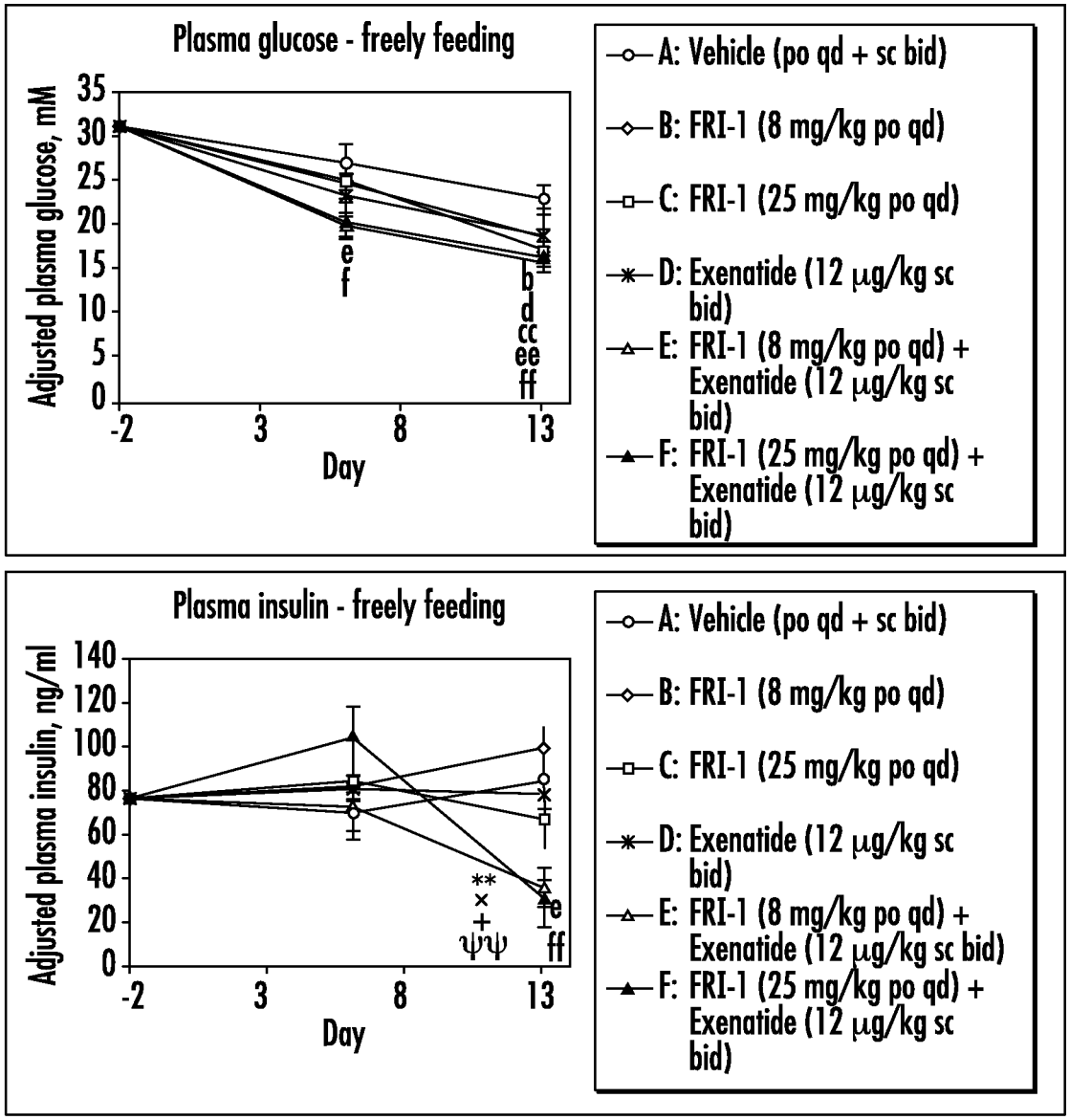


FIGURE 4

⊠, sitagliptin vs vehicle $p<0.05$; #, FRI-1 (20 mg/kg) vs vehicle, $p<0.05$; *, FRI-1 (60 mg/kg) vs vehicle, $p<0.05$; **, FRI-1 (60 mg/kg) vs vehicle, $p<0.01$.



b, group B vs A; c, group C vs A; d, group D vs A; e, group E vs A; f, group F vs A; ψ, group F vs D; +, group F vs C; *, group E vs B; x, group E vs D.

one symbol, $p<0.05$; 2 symbols, $p<0.01$; 3 symbols, $p<0.001$.

FIGURE 5

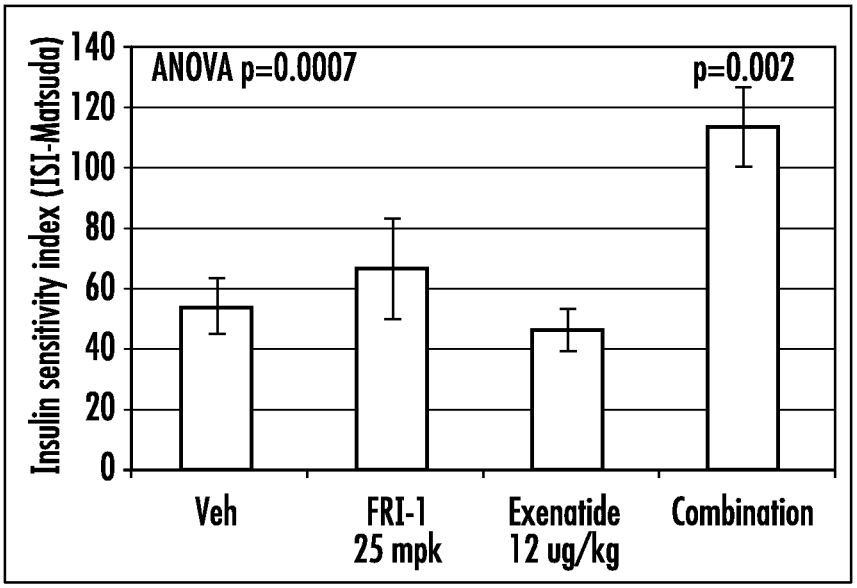

Insulin sensitivity index (ISI-Matsuda)
140
120
100
80
60
40
20
0
ANOVA p=0.0007
p=0.002
Veh
FRI-1
25 mpk
Exenatide
12 ug/kg
Combination

FIGURE 6