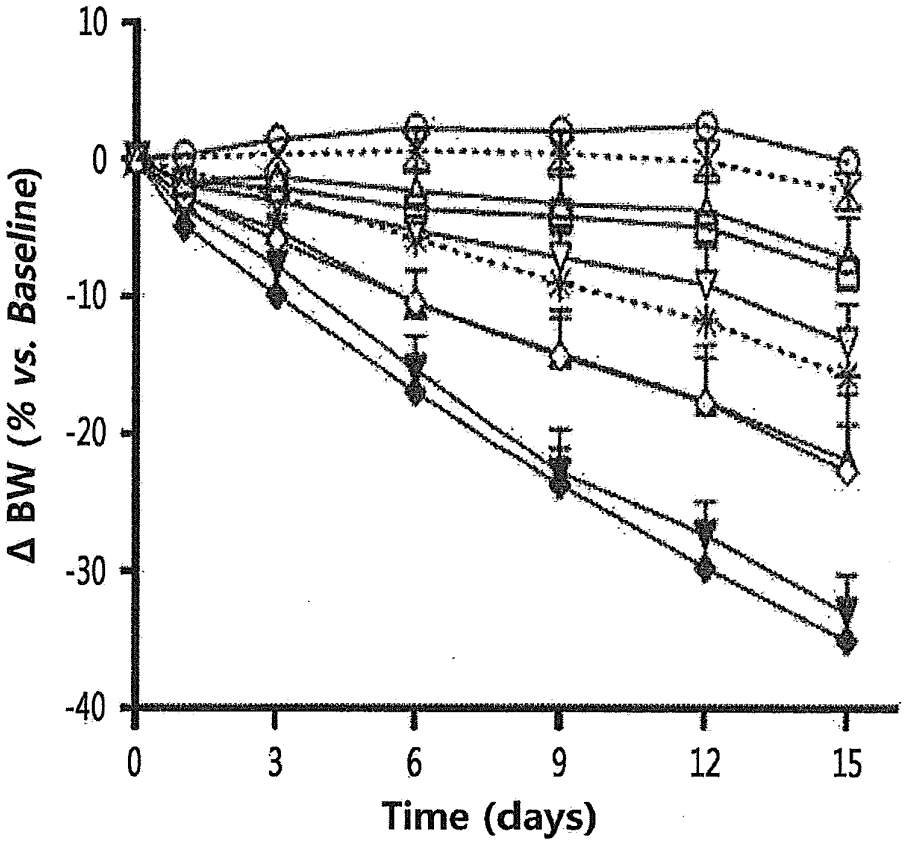
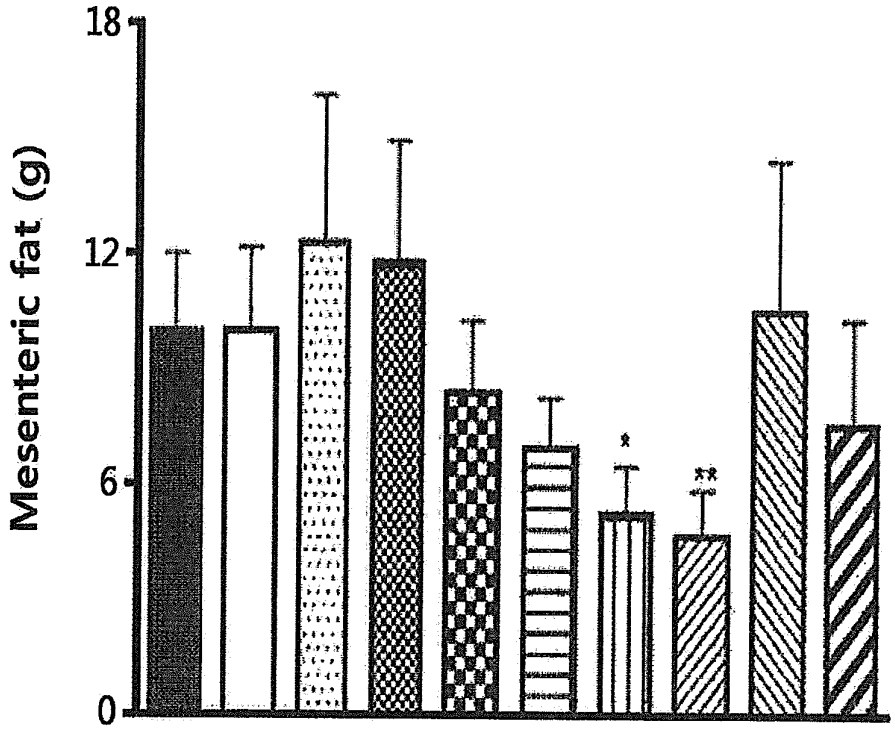
【DRAWINGS】

【Figure 1】



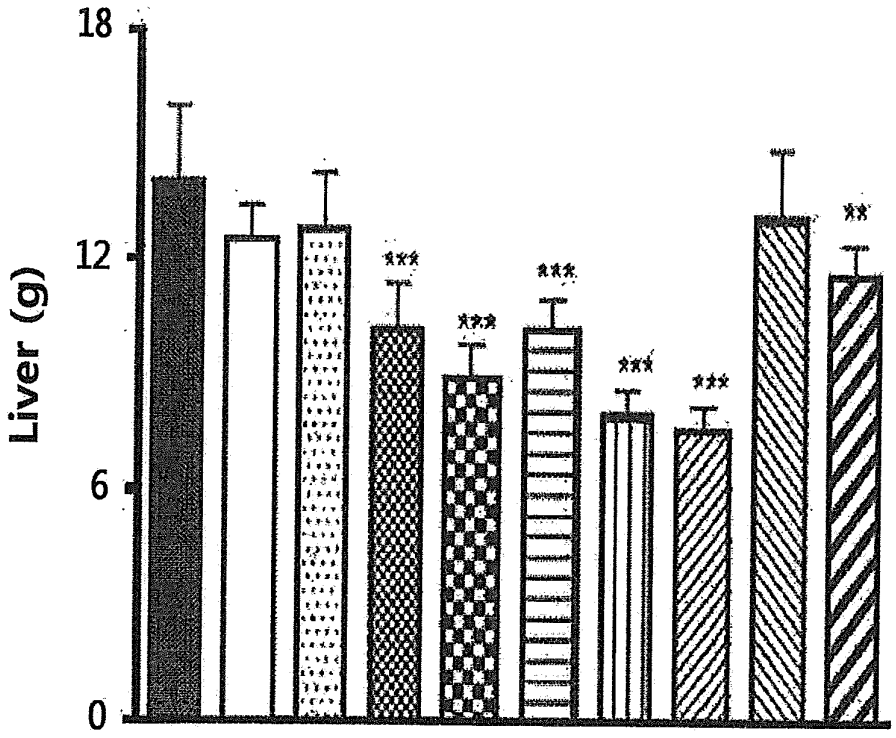
- excipient
- long-acting exendin-4 derivative (3.3 nmol/kg)
- long-acting derivative of SEQ ID NO: 12 (1.6 nmol/kg)
- long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)
- long-acting derivative of SEQ ID NO: 12 (6.6 nmol/kg)
- long-acting exendin-4 derivative (3.3 nmol/kg)+ long-acting derivative of SEQ ID NO: 12 (1.6 nmol/kg)
- long-acting exendin-4 derivative (3.3 nmol/kg)+ long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)
- long-acting exendin-4 derivative (3.3 nmol/kg)+ long-acting derivative of SEQ ID NO: 12 (6.6 nmol/kg)
- paired feeding (to long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg))
- paired feeding (to long-acting exendin-4 derivative (3.3 nmol/kg)+ long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)

【Figure 2】



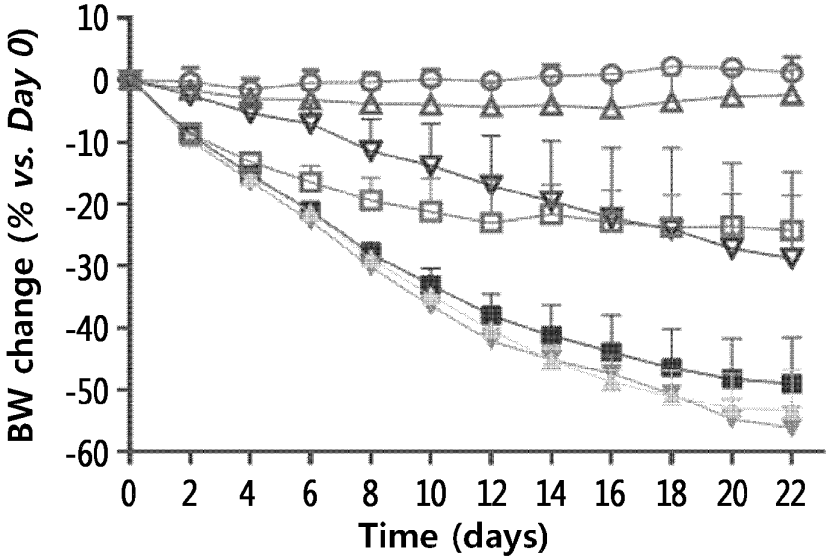
excipient
long-acting exendin-4 derivative (3.3 nmol/kg)
long-acting derivative of SEQ ID NO: 12 (1.6 nmol/kg)
long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)
long-acting derivative of SEQ ID NO: 12 (6.6 nmol/kg)
long-acting exendin-4 derivative (3.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 12 (1.6 nmol/kg)
long-acting exendin-4 derivative (3.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)
long-acting exendin-4 derivative (3.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 12 (6.6 nmol/kg)
paired feeding (to long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg))
paired feeding (to long-acting exendin-4 derivative (3.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)

【Figure 3】



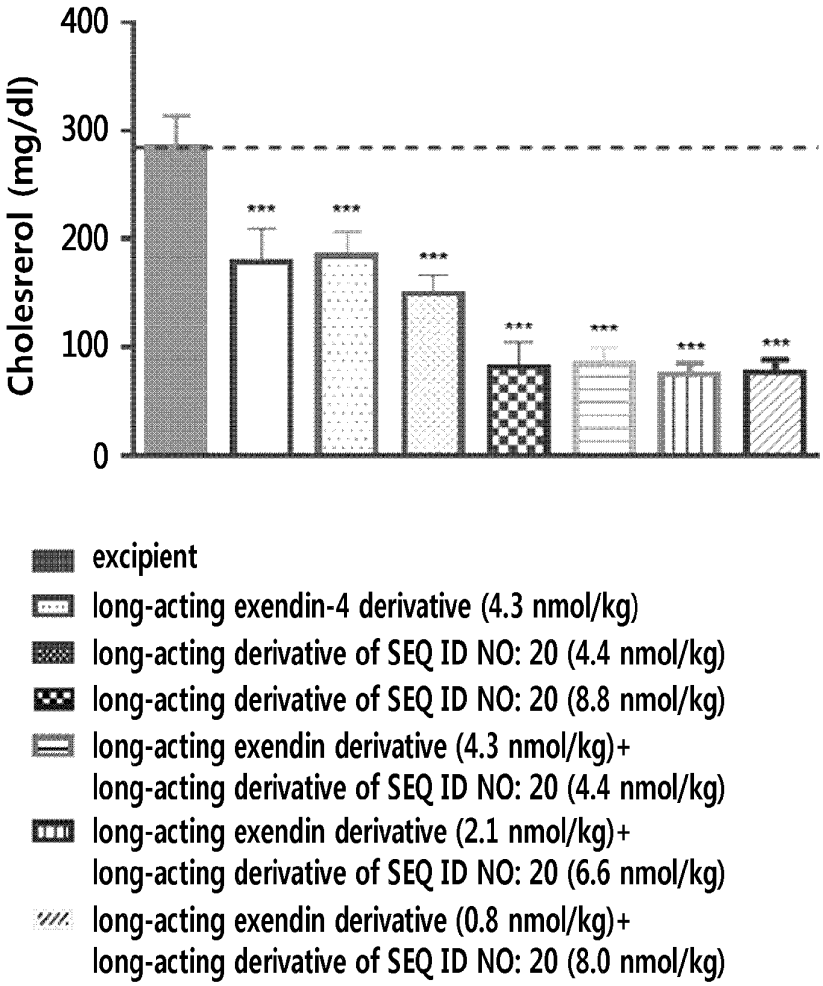
excipient
long-acting exendin-4 derivative (3.3 nmol/kg)
long-acting derivative of SEQ ID NO: 12 (1.6 nmol/kg)
long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)
long-acting derivative of SEQ ID NO: 12 (6.6 nmol/kg)
long-acting exendin-4 derivative (3.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 12 (1.6 nmol/kg)
long-acting exendin-4 derivative (3.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)
long-acting exendin-4 derivative (3.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 12 (6.6 nmol/kg)
paired feeding (to long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg))
paired feeding (to long-acting exendin-4 derivative (3.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 12 (3.3 nmol/kg)

[Fig. 4]



- excipient
- long-acting exendin-4 derivative (4.3 nmol/kg)
- long-acting derivative of SEQ ID NO: 20 (4.4 nmol/kg)
- long-acting derivative of SEQ ID NO: 20 (8.8 nmol/kg)
- long-acting exendin derivative (4.3 nmol/kg)+ long-acting derivative of SEQ ID NO: 20 (4.4 nmol/kg)
- long-acting exendin derivative (2.1 nmol/kg)+ long-acting derivative of SEQ ID NO: 20 (6.6 nmol/kg)
- long-acting exendin derivative (0.8 nmol/kg)+ long-acting derivative of SEQ ID NO: 20 (8.0 nmol/kg)

[Fig. 5]


Cholesrerol (mg/dl)
400
300
200
100
0
***
excipient
long-acting exendin-4 derivative (4.3 nmol/kg)
long-acting derivative of SEQ ID NO: 20 (4.4 nmol/kg)
long-acting derivative of SEQ ID NO: 20 (8.8 nmol/kg)
long-acting exendin derivative (4.3 nmol/kg)+
long-acting derivative of SEQ ID NO: 20 (4.4 nmol/kg)
long-acting exendin derivative (2.1 nmol/kg)+
long-acting derivative of SEQ ID NO: 20 (6.6 nmol/kg)
long-acting exendin derivative (0.8 nmol/kg)+
long-acting derivative of SEQ ID NO: 20 (8.0 nmol/kg)