Fig. 1

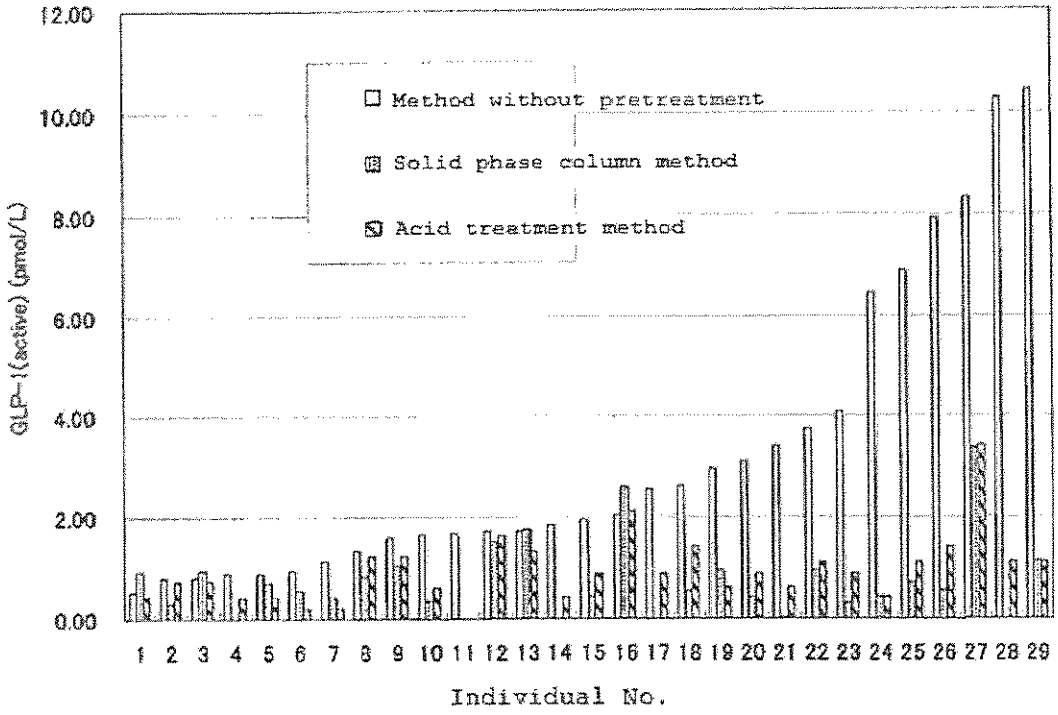

12.00
10.00
8.00
6.00
4.00
2.00
0.00
GLP-1(active) (pmol/L)
Method without pretreatment
Solid phase column method
Acid treatment method
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
Individual No.

Fig. 2

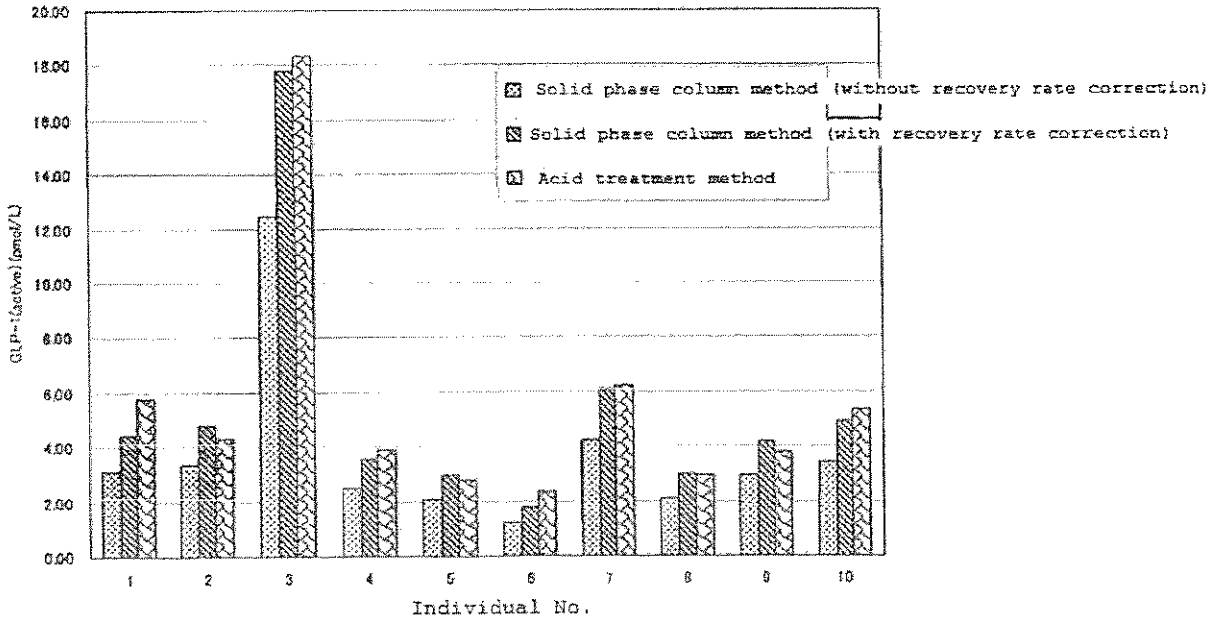

20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
GLP-1(active) (pmol/L)
Solid phase column method (without recovery rate correction)
Solid phase column method (with recovery rate correction)
Acid treatment method
1 2 3 4 5 6 7 8 9 10
Individual No.

Fig. 3

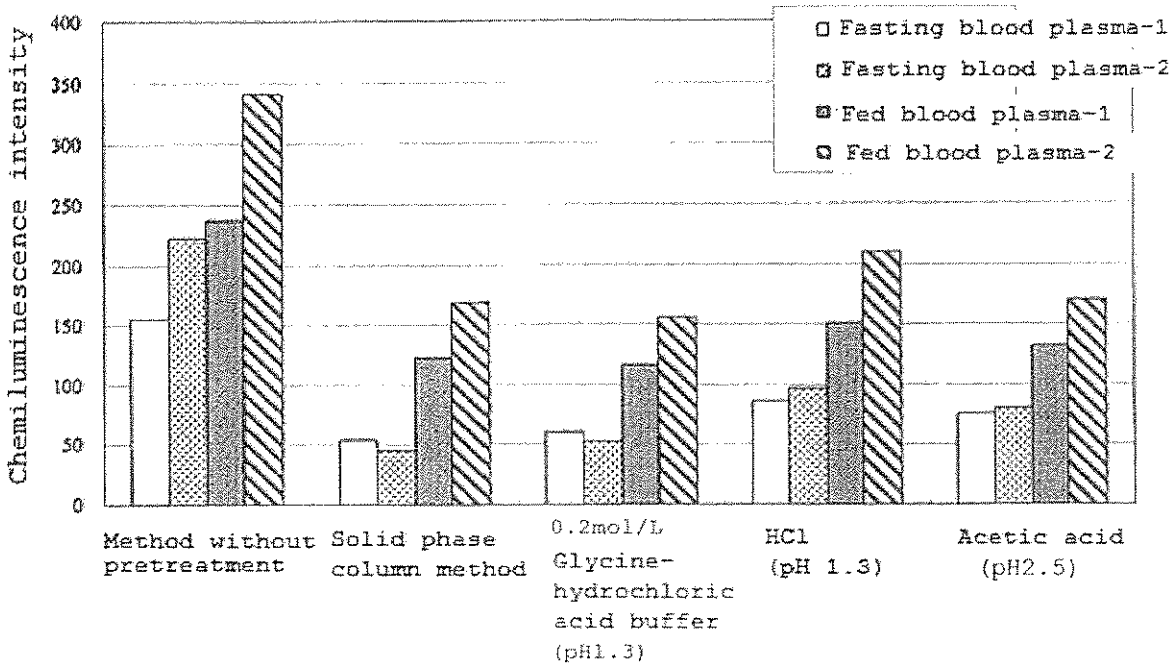

Chemiluminescence intensity
400
350
300
250
200
150
100
50
0
Fasting blood plasma-1
Fasting blood plasma-2
Fed blood plasma-1
Fed blood plasma-2
Method without pretreatment
Solid phase column method
0.2mol/L Glycine-hydrochloric acid buffer (pH1.3)
HCl (pH 1.3)
Acetic acid (pH2.5)

Fig. 4

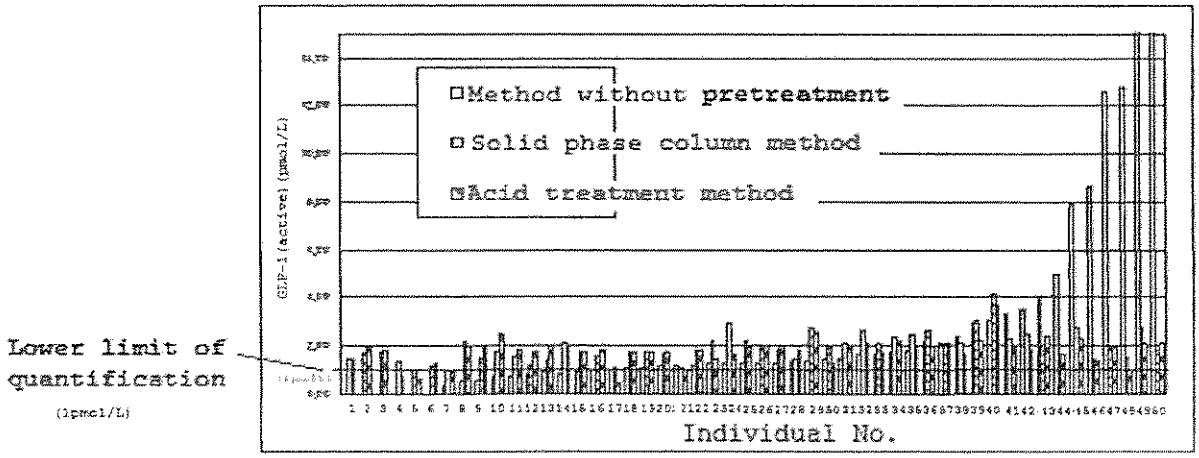

Method without pretreatment
Solid phase column method
Acid treatment method
Lower limit of quantification
(2pmol/L)
Individual No.

Fig. 5

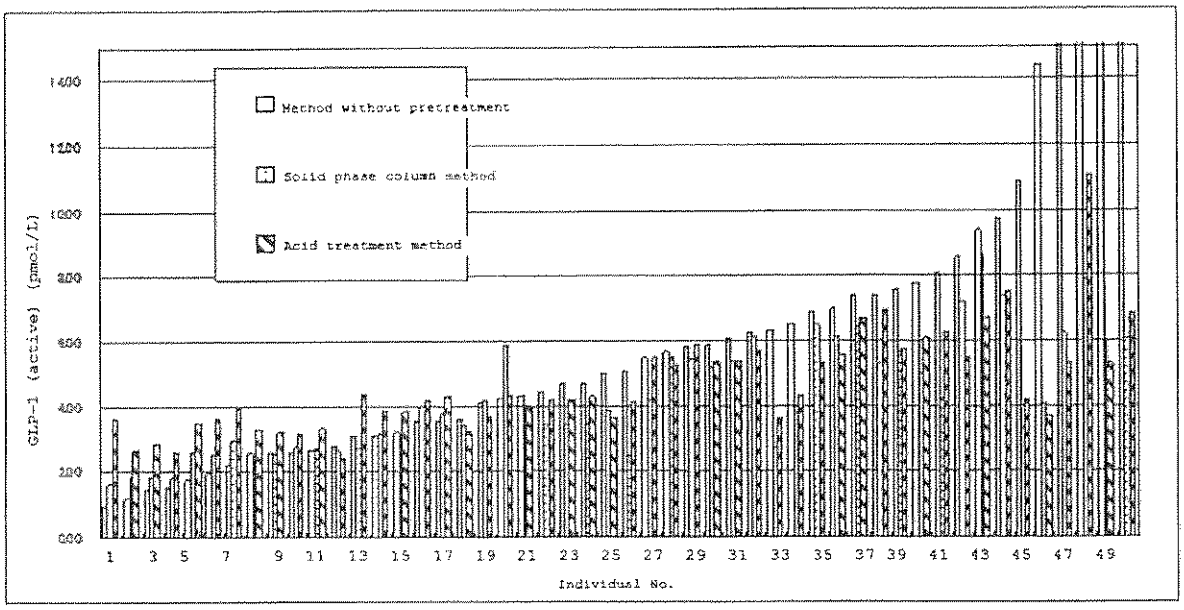
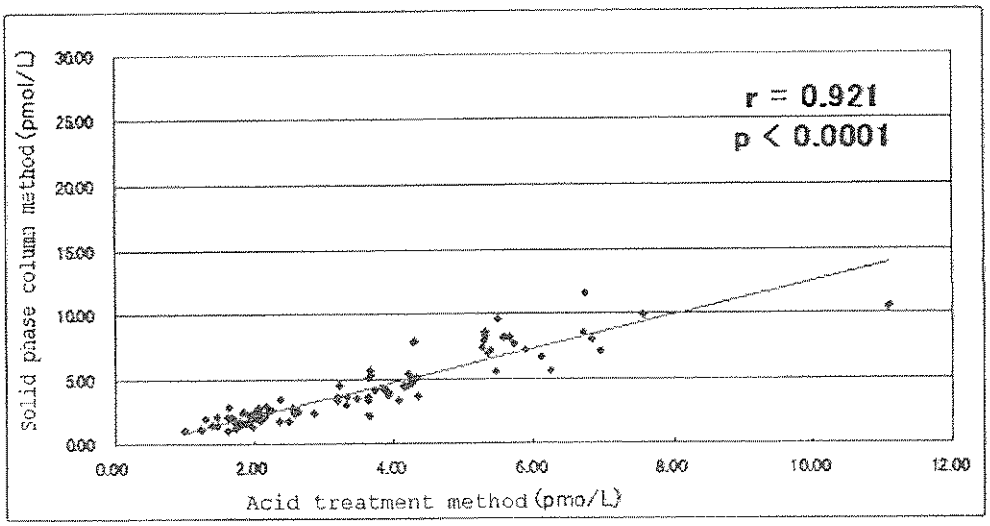
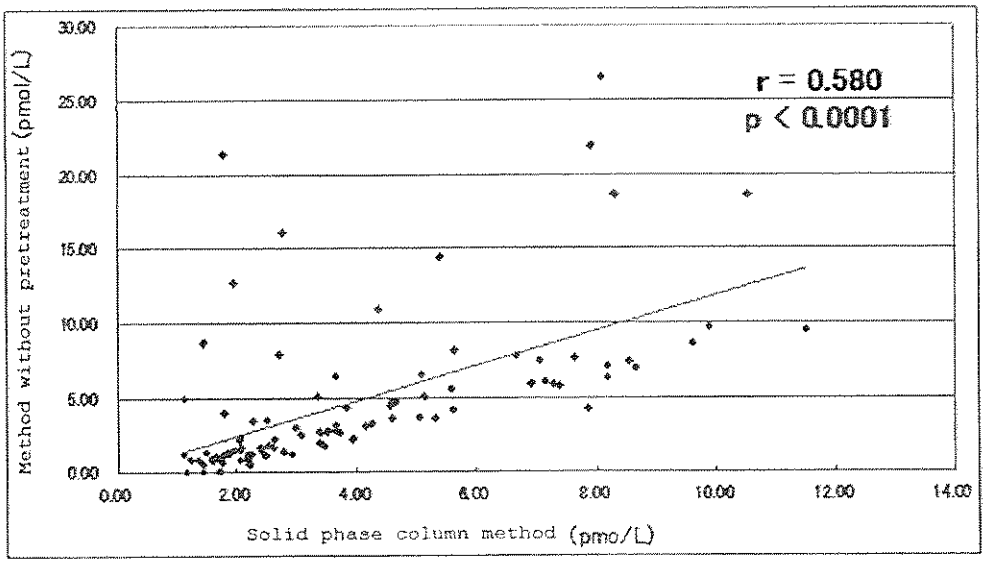
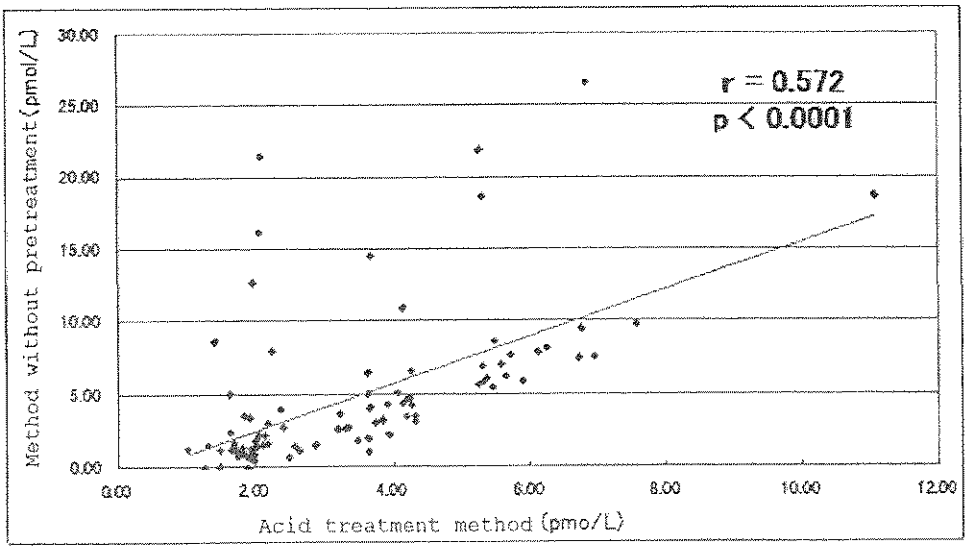

Method without pretreatment
Solid phase column method
Acid treatment method
GLP-1 (active) (pmol/L)
Individual No.

Fig. 6


r = 0.921
p < 0.0001
Solid phase column method (pmol/L)
Acid treatment method (pmo/L)
0.00
5.00
10.00
15.00
20.00
25.00
30.00
0.00
2.00
4.00
6.00
8.00
10.00
12.00


r = 0.580
p < 0.0001
Method without pretreatment (pmol/L)
Solid phase column method (pmo/L)
0.00
5.00
10.00
15.00
20.00
25.00
30.00
0.00
2.00
4.00
6.00
8.00
10.00
12.00
14.00


r = 0.572
p < 0.0001
Method without pretreatment (pmol/L)
Acid treatment method (pmo/L)
0.00
5.00
10.00
15.00
20.00
25.00
30.00
0.00
2.00
4.00
6.00
8.00
10.00
12.00