```
hIGF-1          1 ---GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRRAPQTGIVDECCFRSCDLRRL  57
hIGF-1/E wt     1 ---GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRRAFQTGIVDECCFRSCDLRRL  57
hIGF-1/E 3mut   1 ----GP-TLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAAPQTGIVDECCFRSCDLRRL  56
hIGF-2E         1 AYRPSETLCGGELVDTLQFVCGDRGFYFSRPASRVSRR----SRGIVEECCFRSCDLALL  56

hIGF-1         58  EMYCAPLKPAKSA---------------------  70   (SEQ ID NO:8)
hIGF-1/Ea wt   58  EMYCAPLKPAKSARSVRAQRHTDMPKTQK        86   (SEQ ID NO:9)
hIGF-1/Ea 3mut 57  EMYCAPLKPAKSA--VRAQRHTDMPKTQK       83   (SEQ ID NO:10)
hIGF-2/Ea      57  EPYCA--TPAKSARDVSTPPTVLPDNFPR        83   (SEQ ID NO:11)
```

FIG. 1

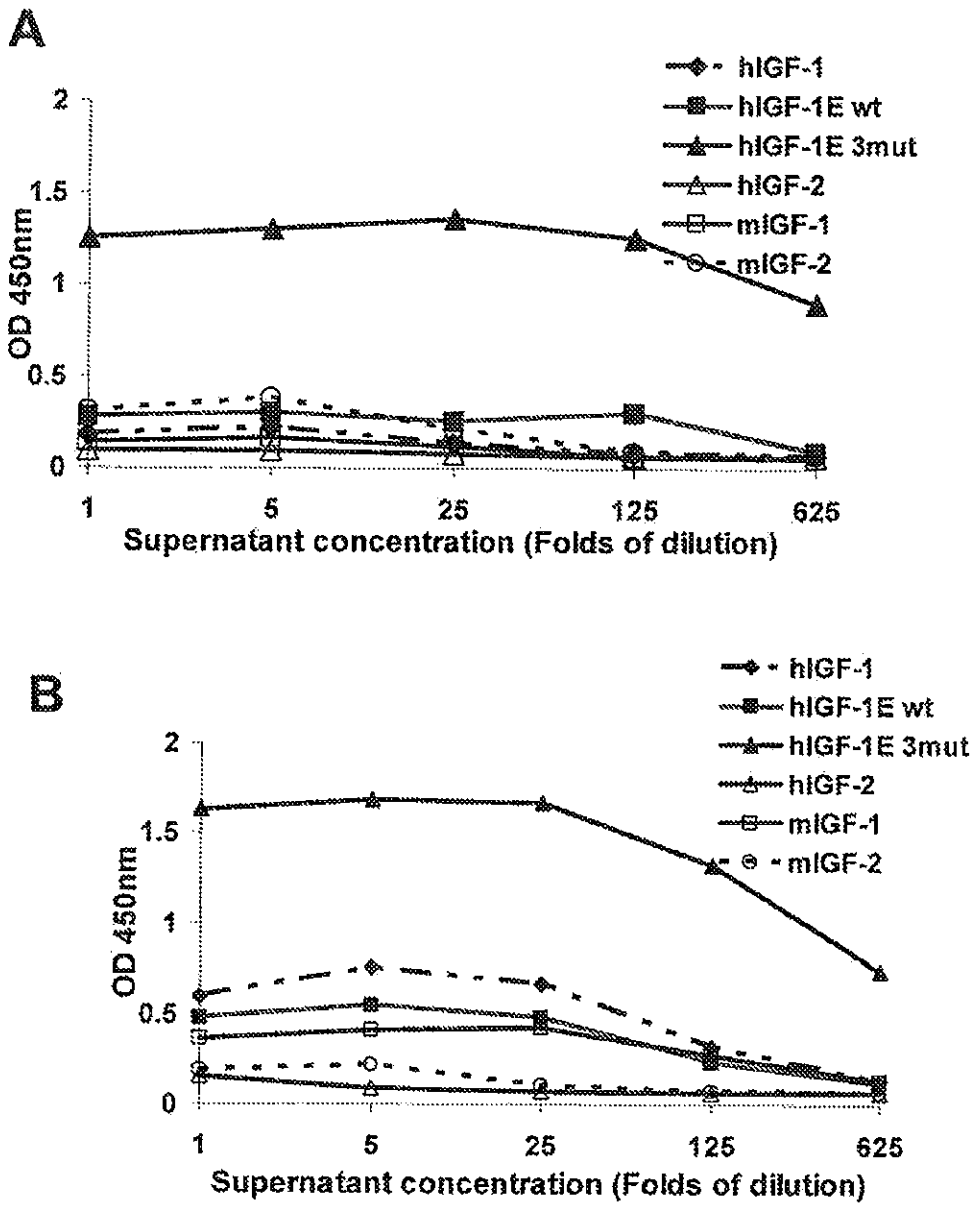

A
hIGF-1
hIGF-1E wt
hIGF-1E 3mut
hIGF-2
mIGF-1
mIGF-2
OD 450nm
2
1.5
1
0.5
0
1
5
25
125
625
Supernatant concentration (Folds of dilution)
B
hIGF-1
hIGF-1E wt
hIGF-1E 3mut
hIGF-2
mIGF-1
mIGF-2
OD 450nm
2
1.5
1
0.5
0
1
5
25
125
625
Supernatant concentration (Folds of dilution)

FIG. 2

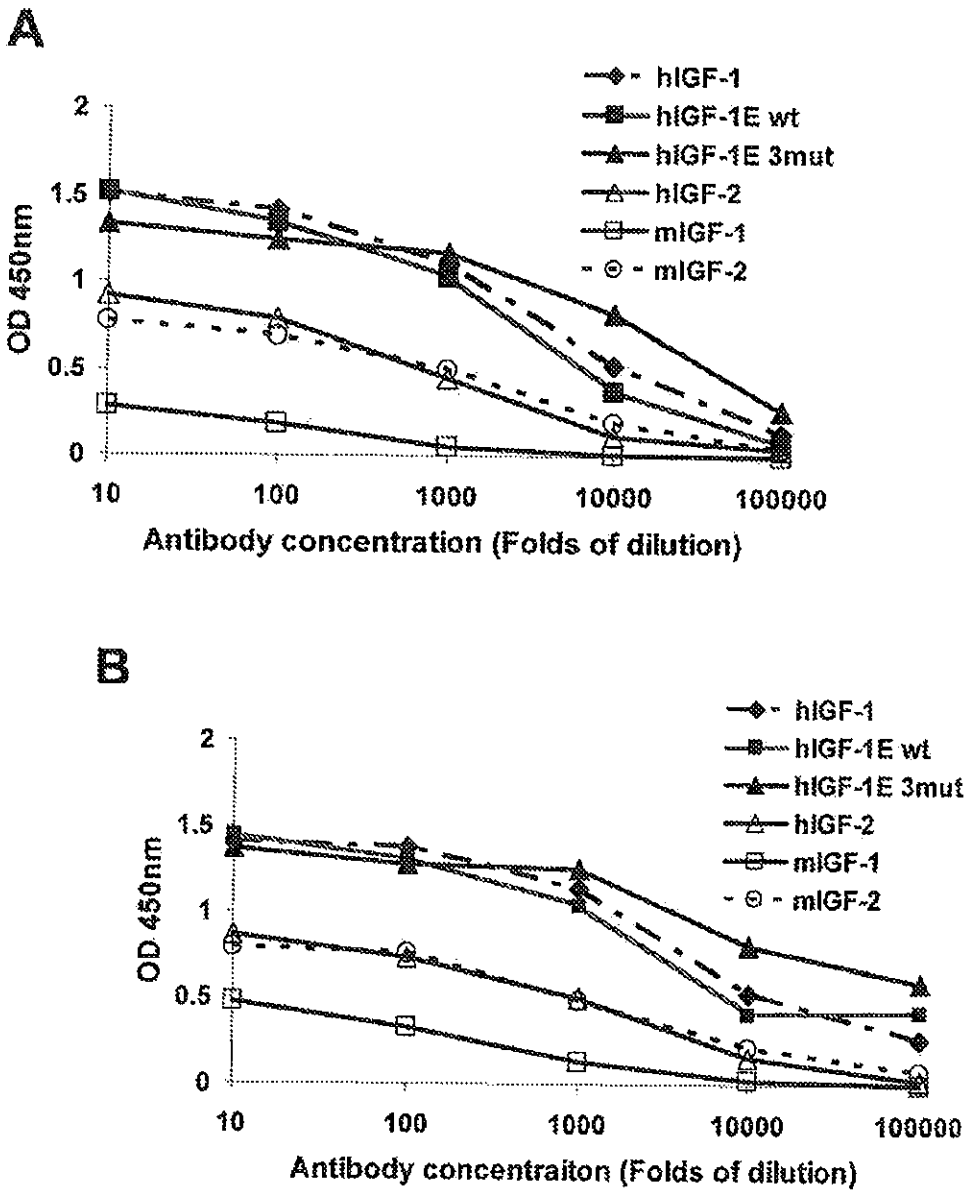

A
hIGF-1
hIGF-1E wt
hIGF-1E 3mut
hIGF-2
mIGF-1
mIGF-2
OD 450nm
2
1.5
1
0.5
0
10
100
1000
10000
100000
Antibody concentration (Folds of dilution)
B
hIGF-1
hIGF-1E wt
hIGF-1E 3mut
hIGF-2
mIGF-1
mIGF-2
OD 450nm
2
1.5
1
0.5
0
10
100
1000
10000
100000
Antibody concentraiton (Folds of dilution)

FIG. 3

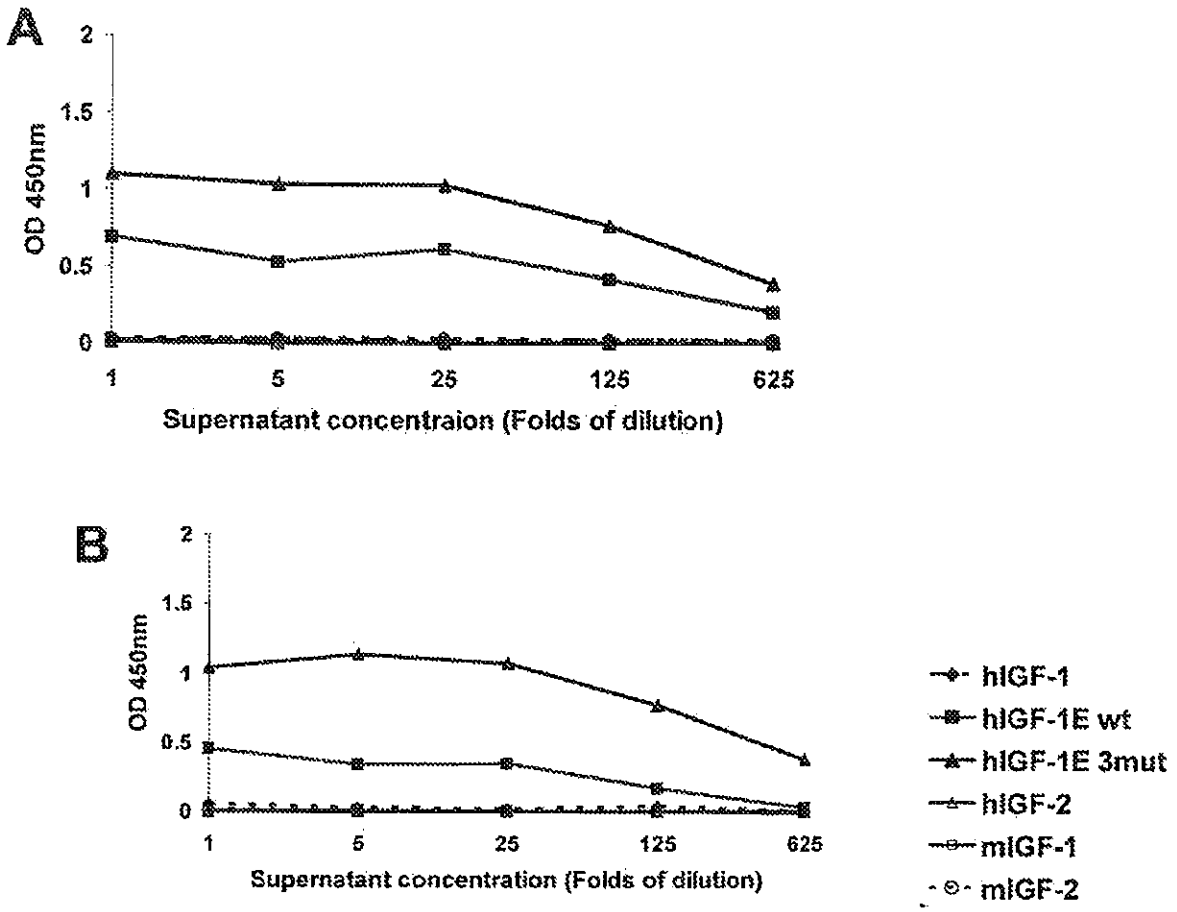

A
OD 450nm
2
1.5
1
0.5
0
1
5
25
125
625
Supernatant concentraion (Folds of dilution)
B
OD 450nm
Supernatant concentration (Folds of dilution)
hIGF-1
hIGF-1E wt
hIGF-1E 3mut
hIGF-2
mIGF-1
mIGF-2
C
OD 450nm
Supernatant concentration (Folds of dilution)
hIGF-1
hIGF-1E wt
hIGF-1E 3mut
hIGF-2
mIGF-1
mIGF-2

FIG. 4

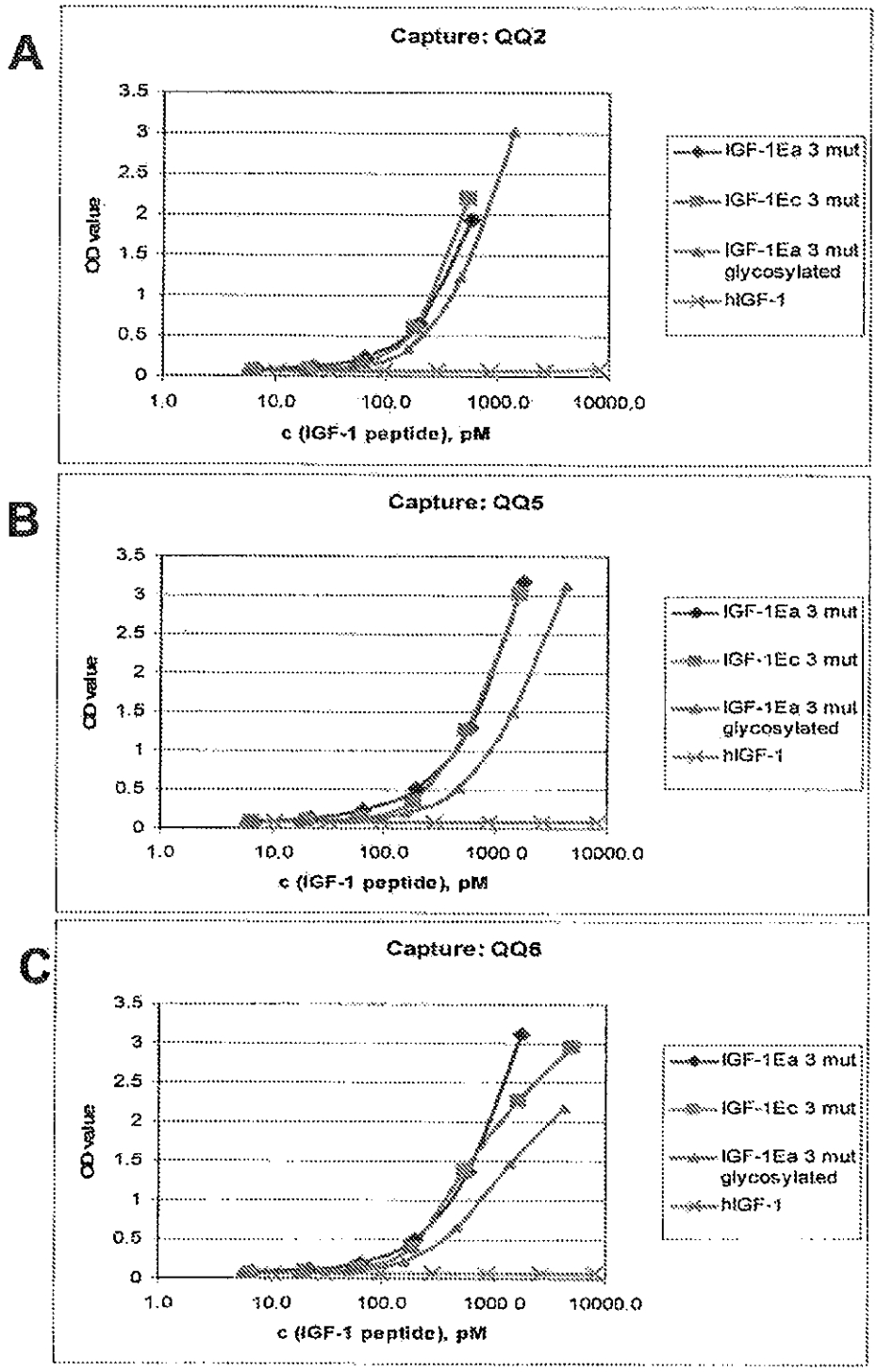

A
Capture: QQ2
OD value
c (IGF-1 peptide), pM
IGF-1Ea 3 mut
IGF-1Ec 3 mut
IGF-1Ea 3 mut glycosylated
hIGF-1
B
Capture: QQ5
OD value
c (IGF-1 peptide), pM
IGF-1Ea 3 mut
IGF-1Ec 3 mut
IGF-1Ea 3 mut glycosylated
hIGF-1
C
Capture: QQ6
OD value
c (IGF-1 peptide), pM
IGF-1Ea 3 mut
IGF-1Ec 3 mut
IGF-1Ea 3 mut glycosylated
hIGF-1

FIG. 5