1. Aβ(2 - 10) KMDAEFRHDSGYE	2. Aβ (1 - 13) DAEFRHDSGYEVH	3. Aβ (iso 1 - 13) iDAEFRHDSGYEVH	4. Aβ(2 - 14) AEFRHDSGYEVHH
5. Aβ(3 - 15) EFRHDSGYEVHHQ	6. Aβ(p3 - 15) pEFRHDSGYEVHHQ	7. Aβ(4 - 16) FRHDSGYEVHHQK	8. Aβ(9 - 21) GYEVHHQKLVFFA
9. Aβ(11 - 23) EVHHQKLVFFAED	10. Aβ(p11 - 23), pEVHHQKLVFFAED	11. Aβ(12 - 24) VHHQKLVFFAEDV	12. Aβ(iso D7 1 - 13) DAEFRHisoDSGYEVH
13. Aβ(iso 7 - 19) iDSGYEVHHQKLVF	14. Aβ(17 - 29) LVFFAEDVGSNKG	15. Aβ(25 - 37) GSNKGAIIGLMVG	16. Aβ(30 - 42) AIIGLMVGGVVIA

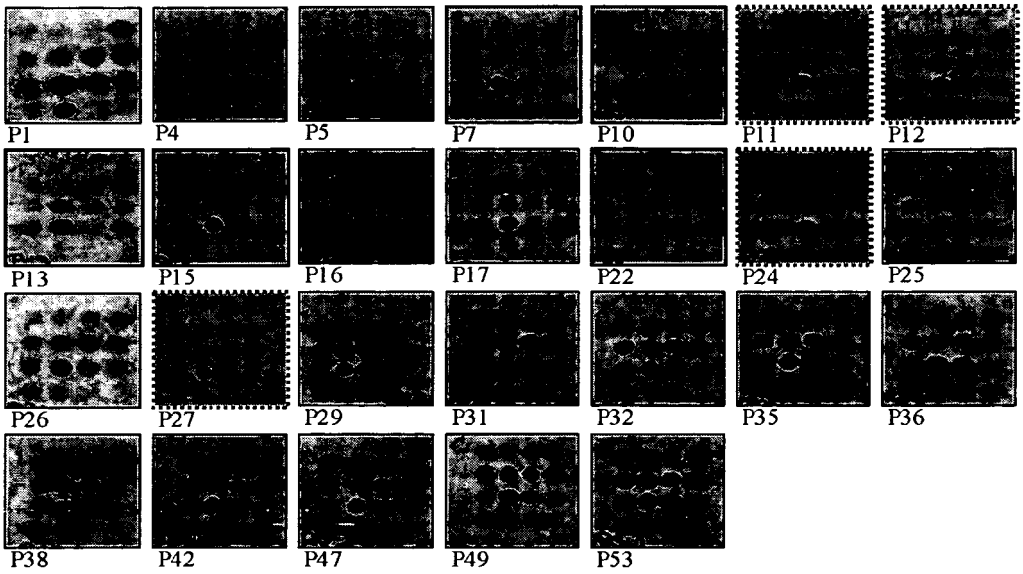


FIGURE 1

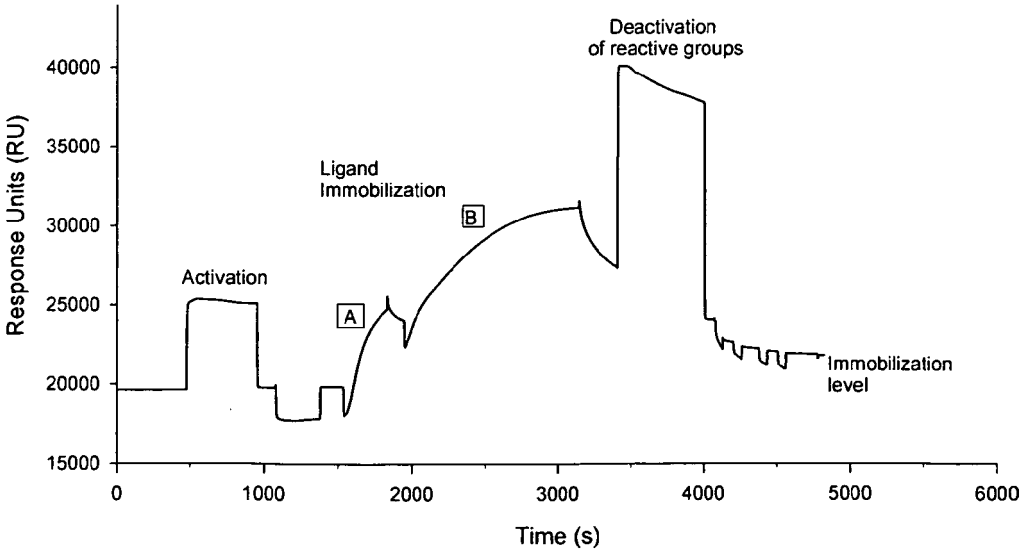


FIGURE 2

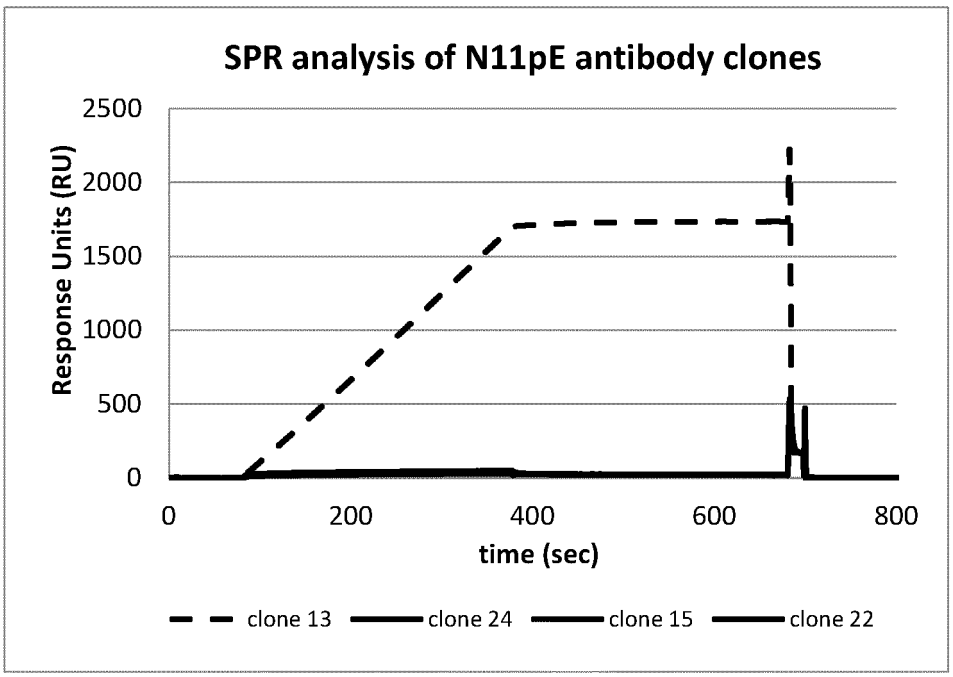


FIGURE 3

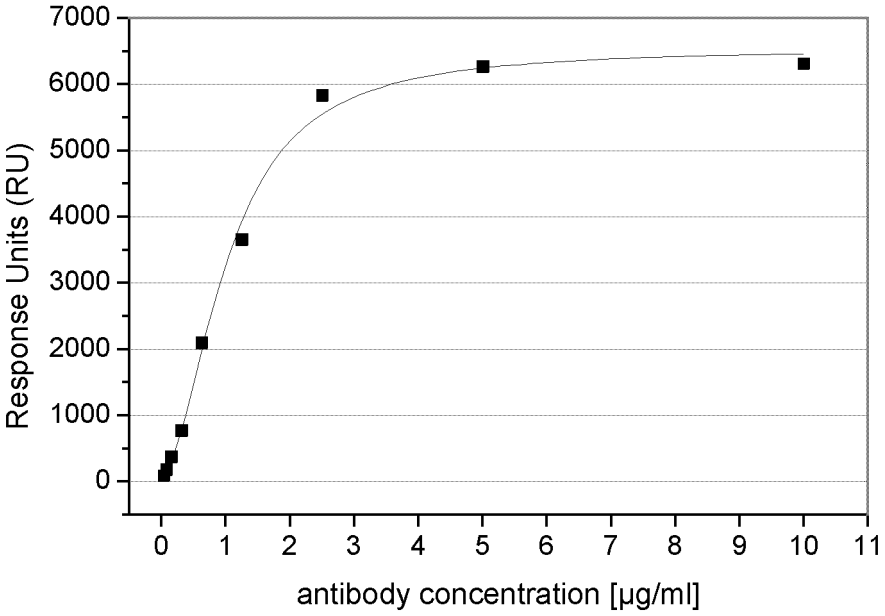


FIGURE 4

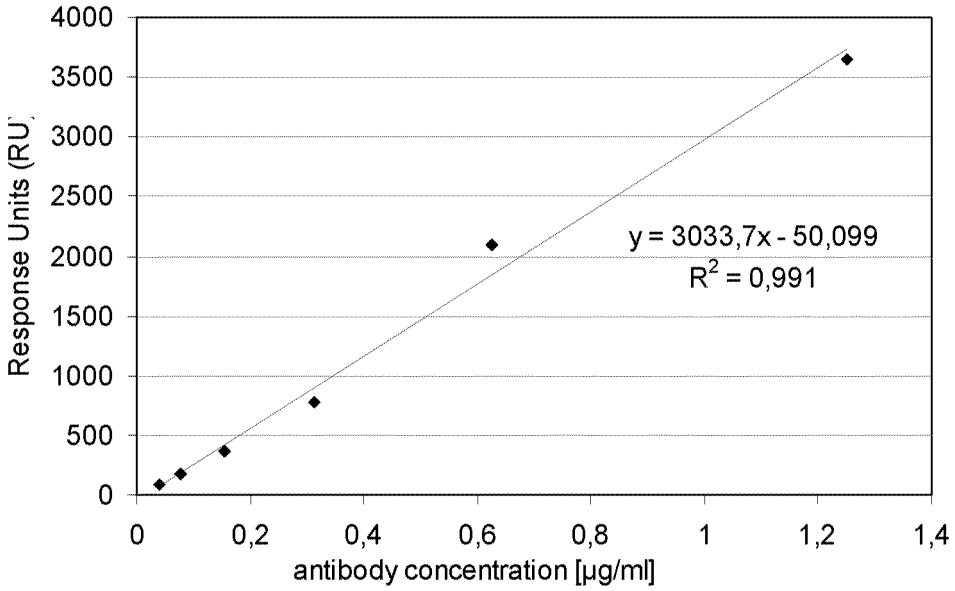

4000
3500
3000
2500
2000
1500
1000
500
0
Response Units (RU)
0
0,2
0,4
0,6
0,8
1
1,2
1,4
antibody concentration [µg/ml]
y = 3033,7x - 50,099
R2 = 0,991

FIGURE 5

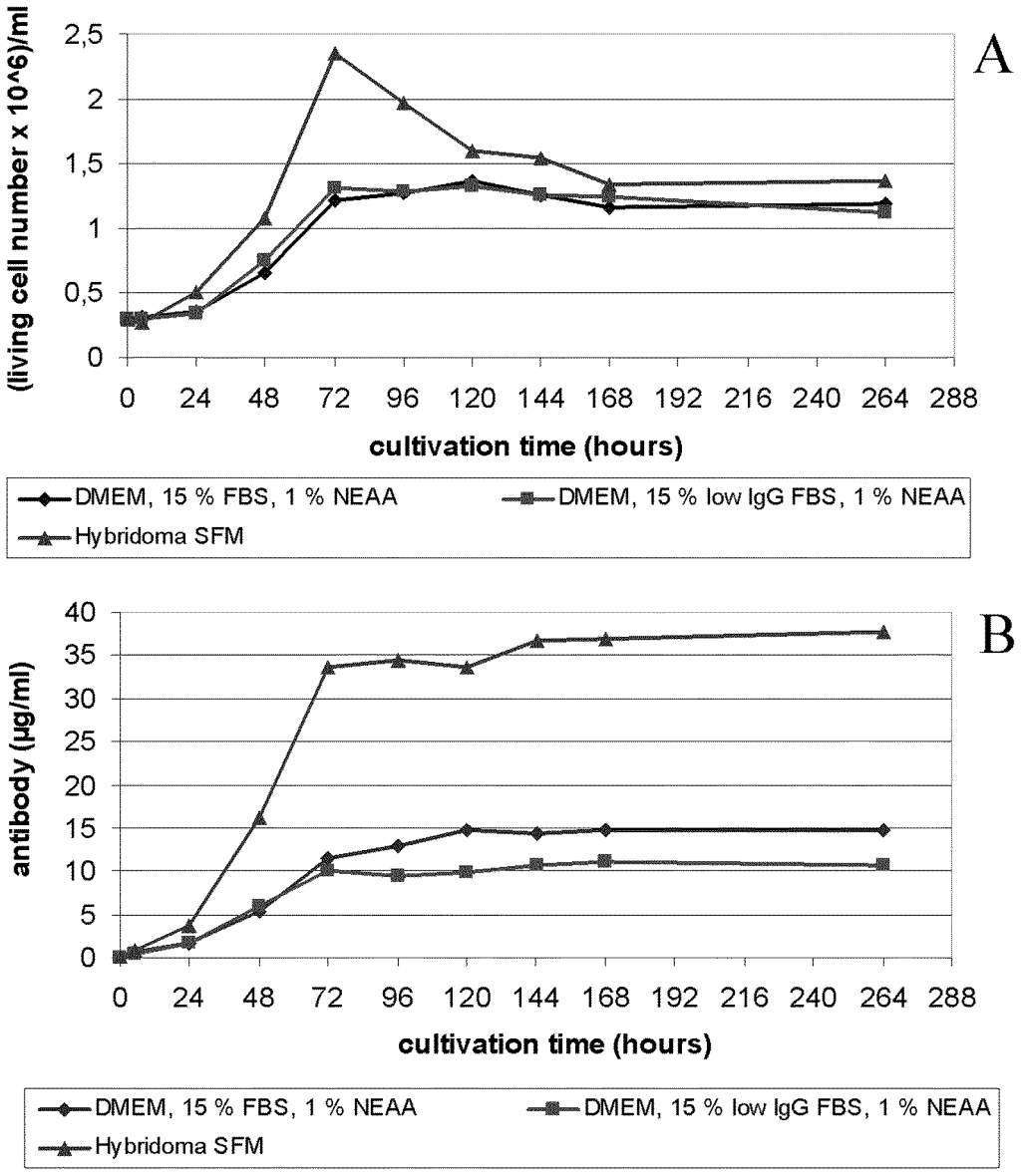

A
(living cell number x 10^6)/ml
2,5
2
1,5
1
0,5
0
0 24 48 72 96 120 144 168 192 216 240 264 288
cultivation time (hours)
DMEM, 15 % FBS, 1 % NEAA
DMEM, 15 % low IgG FBS, 1 % NEAA
Hybridoma SFM
B
antibody (µg/ml)
40
35
30
25
20
15
10
5
0
0 24 48 72 96 120 144 168 192 216 240 264 288
cultivation time (hours)
DMEM, 15 % FBS, 1 % NEAA
DMEM, 15 % low IgG FBS, 1 % NEAA
Hybridoma SFM

FIGURE 6

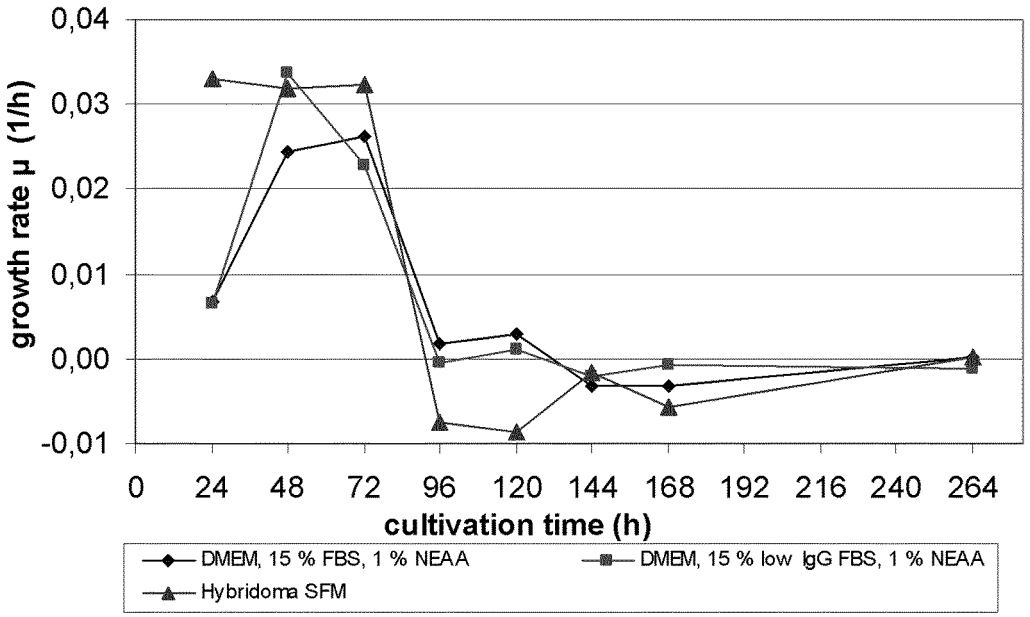


FIGURE 7

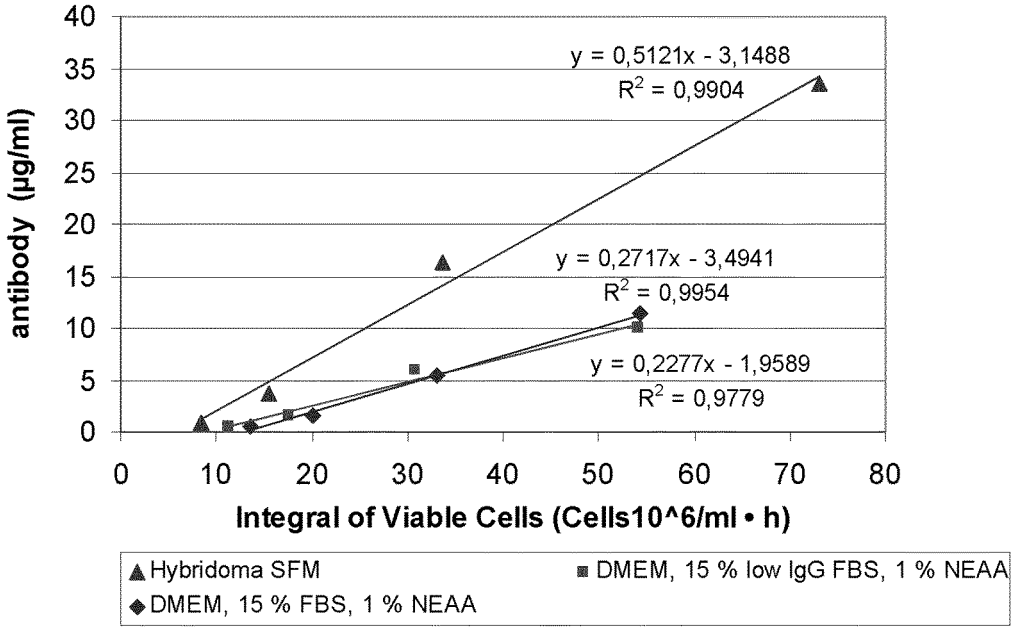


FIGURE 8

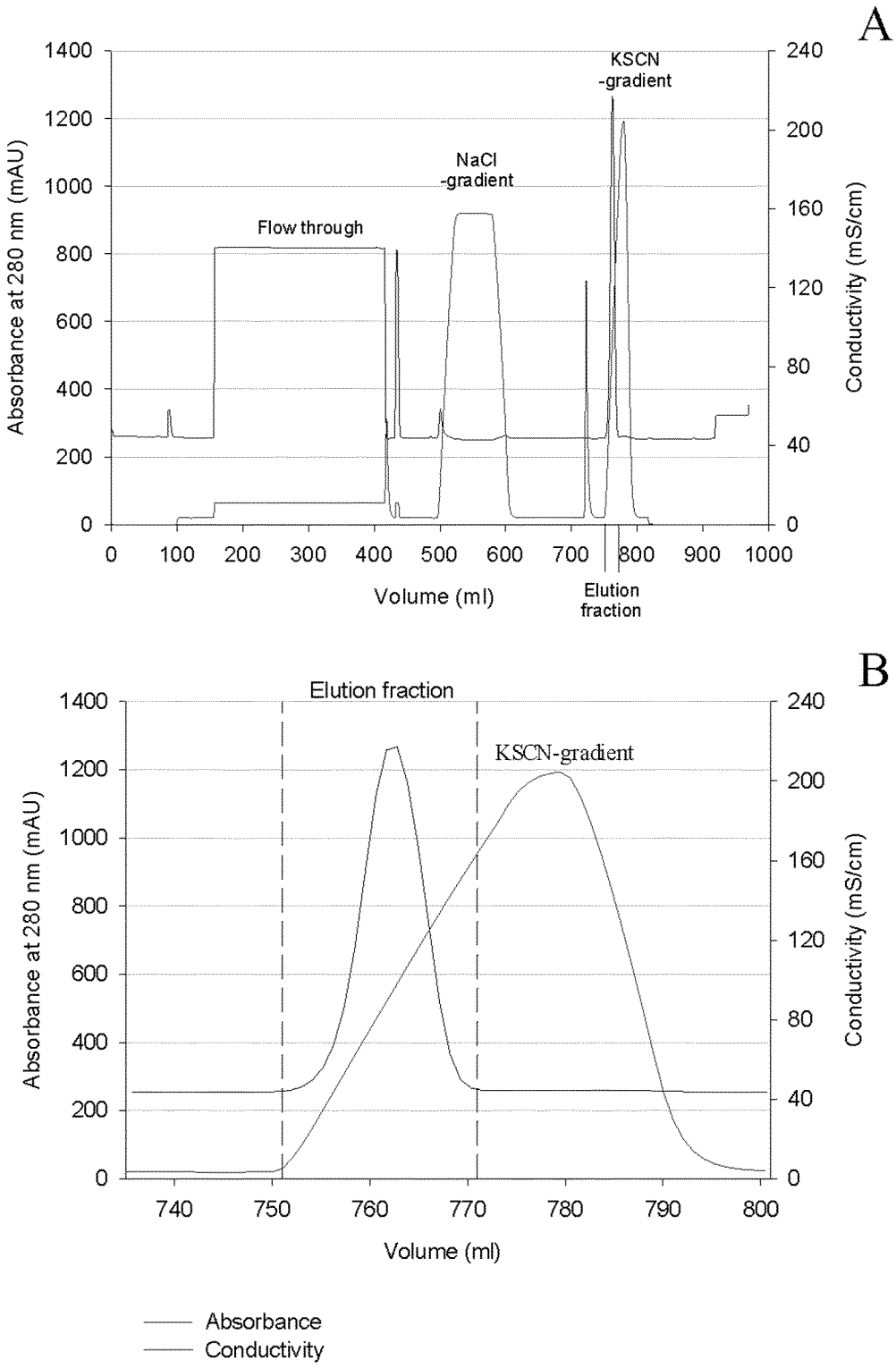

A
Absorbance at 280 nm (mAU)
Conductivity (mS/cm)
Flow through
NaCl
-gradient
KSCN
-gradient
Volume (ml)
Elution
fraction
B
Elution fraction
KSCN-gradient
Absorbance at 280 nm (mAU)
Conductivity (mS/cm)
Volume (ml)
Absorbance
Conductivity

FIGURE 9

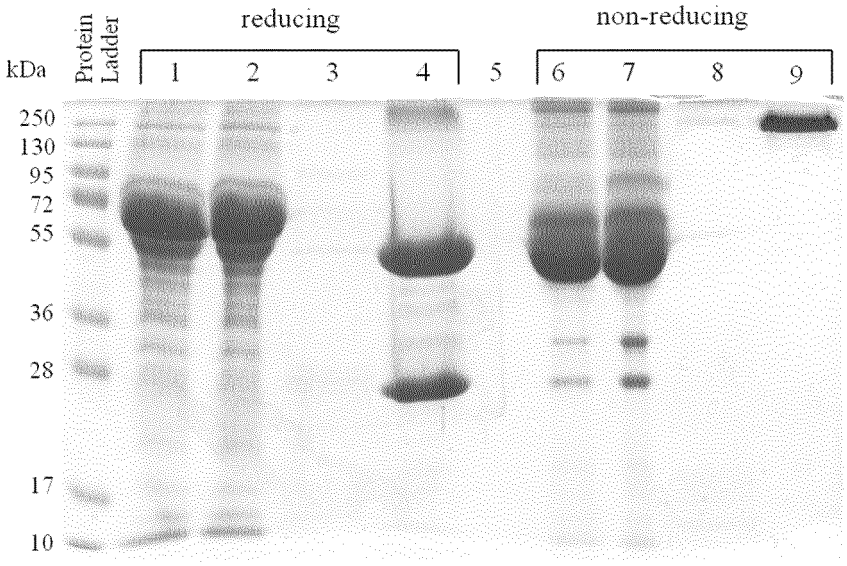


FIGURE 10

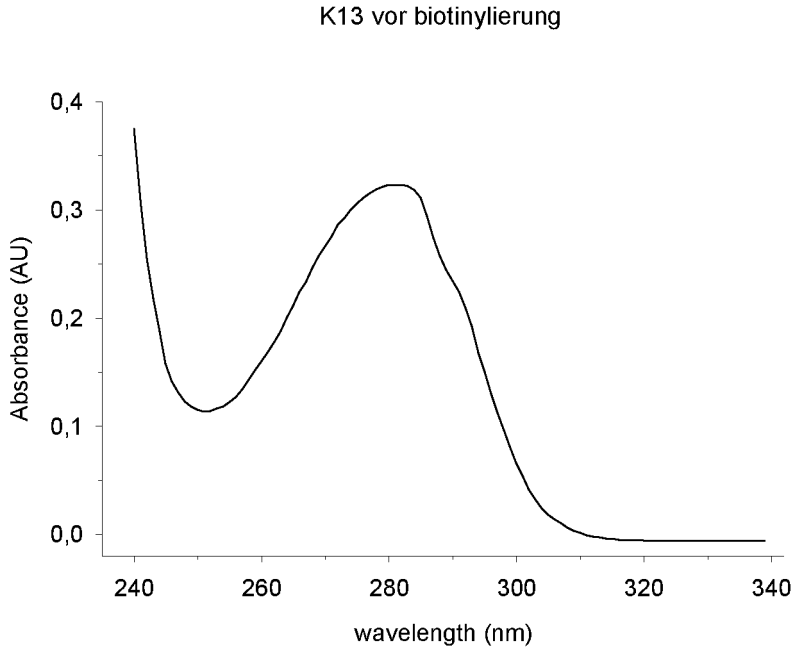


FIGURE 11

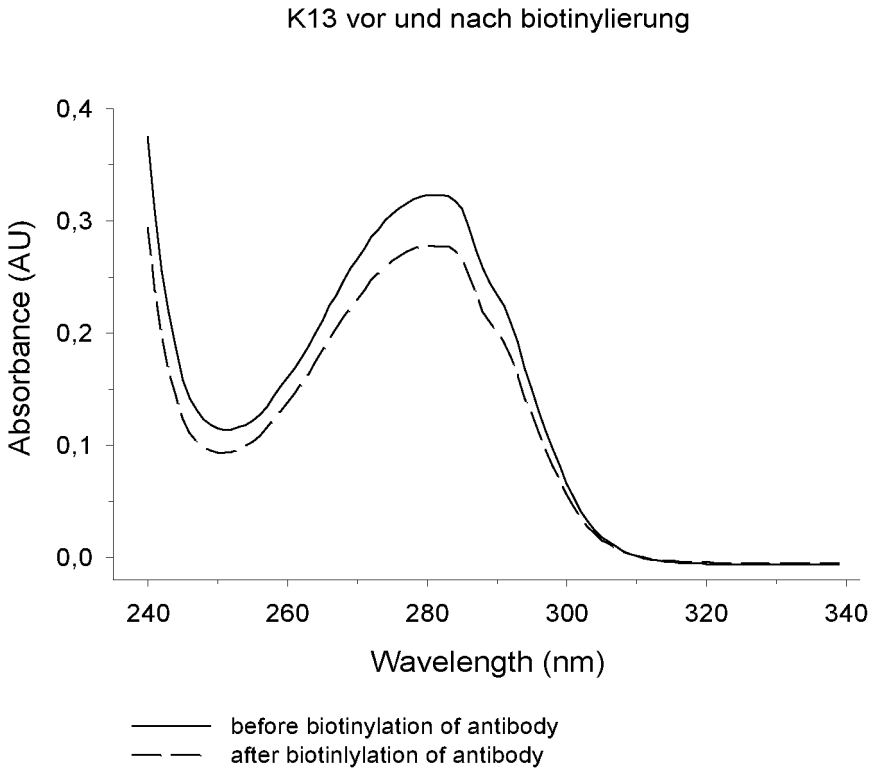


FIGURE 12

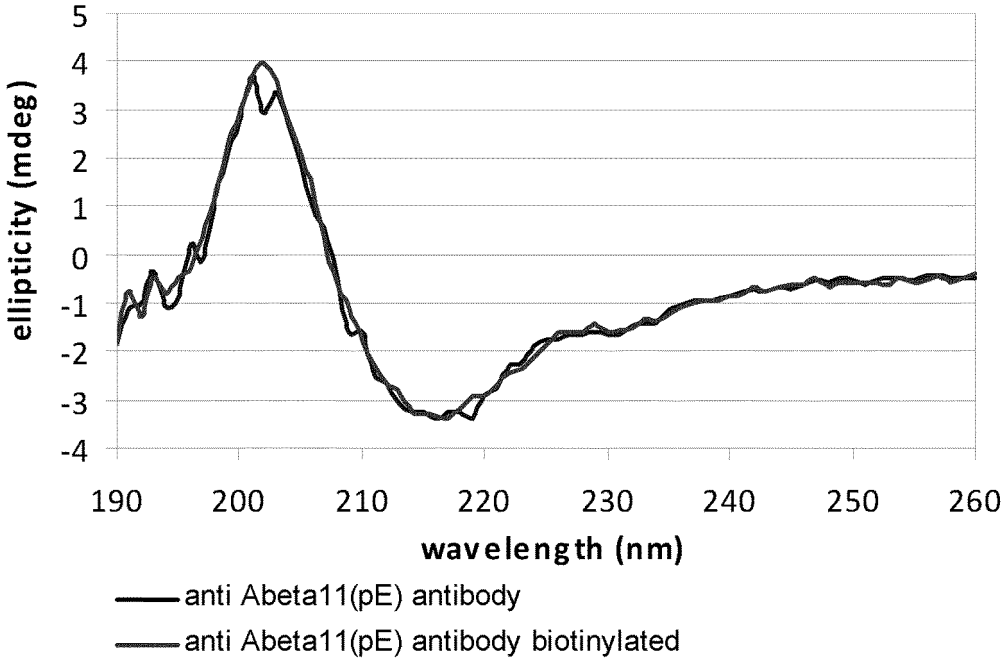


FIGURE 13

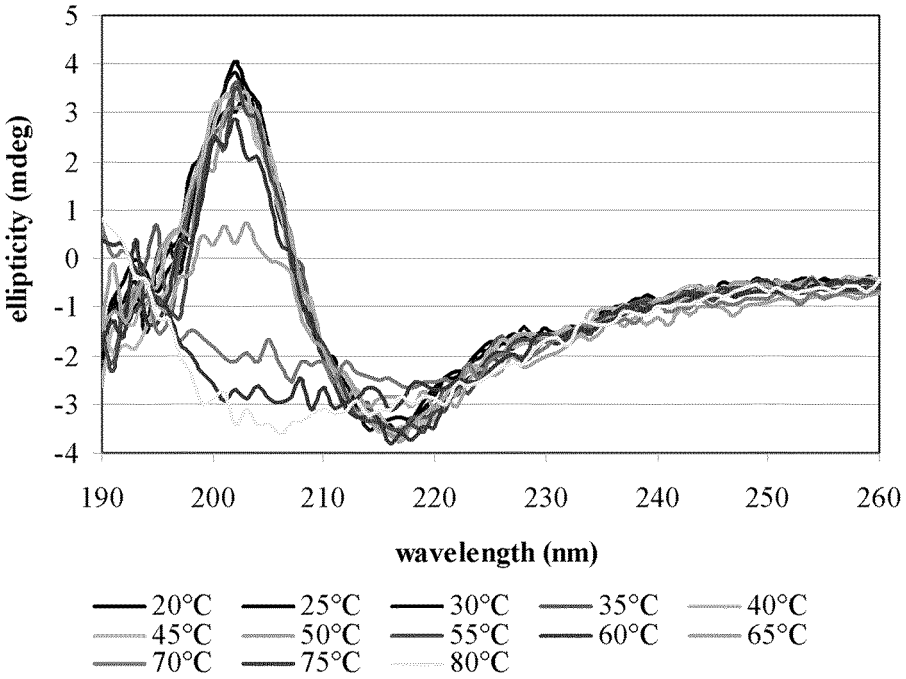


FIGURE 14

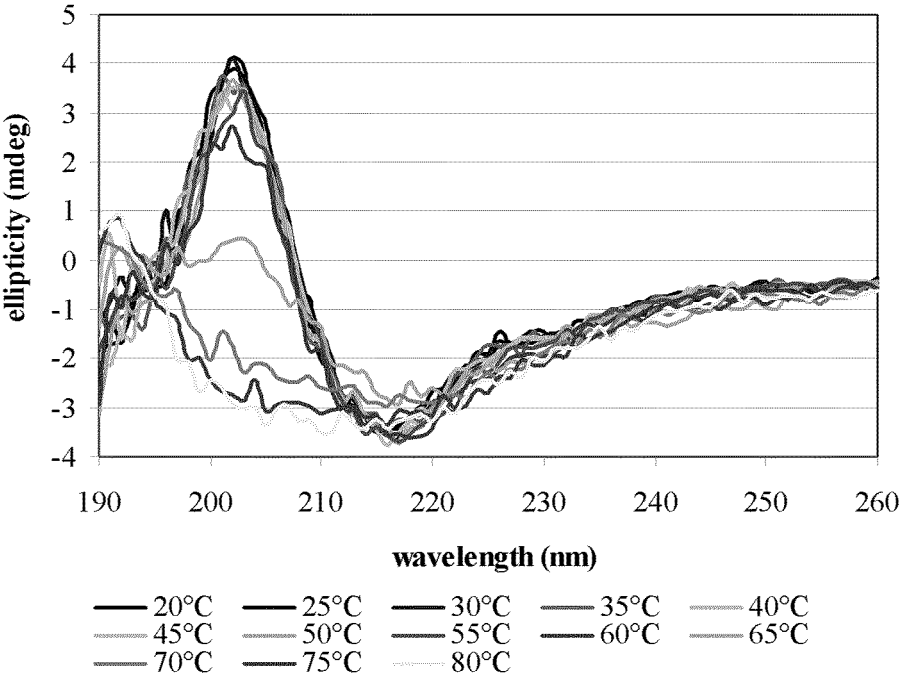


FIGURE 15

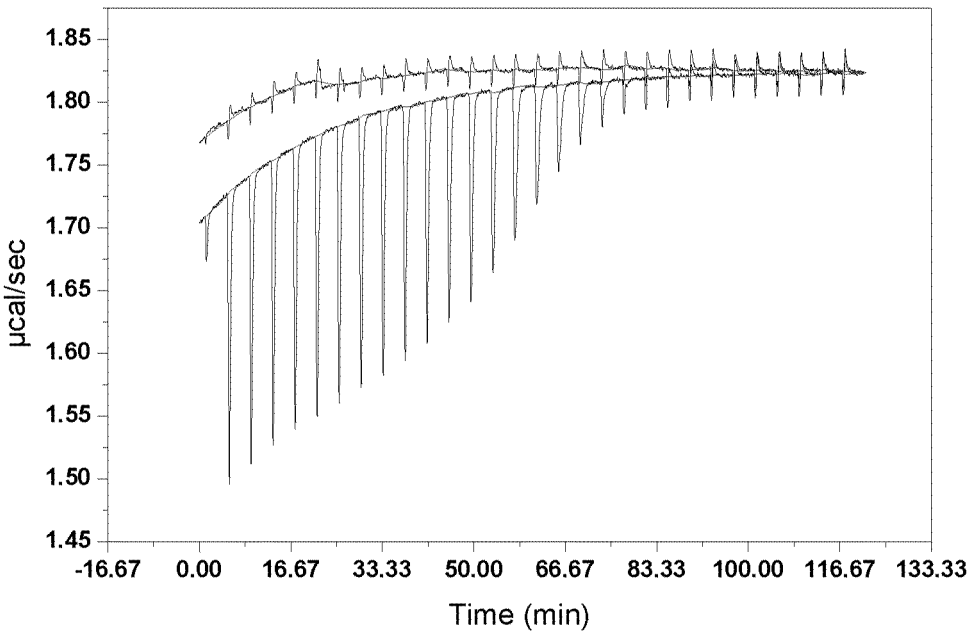


FIGURE 16

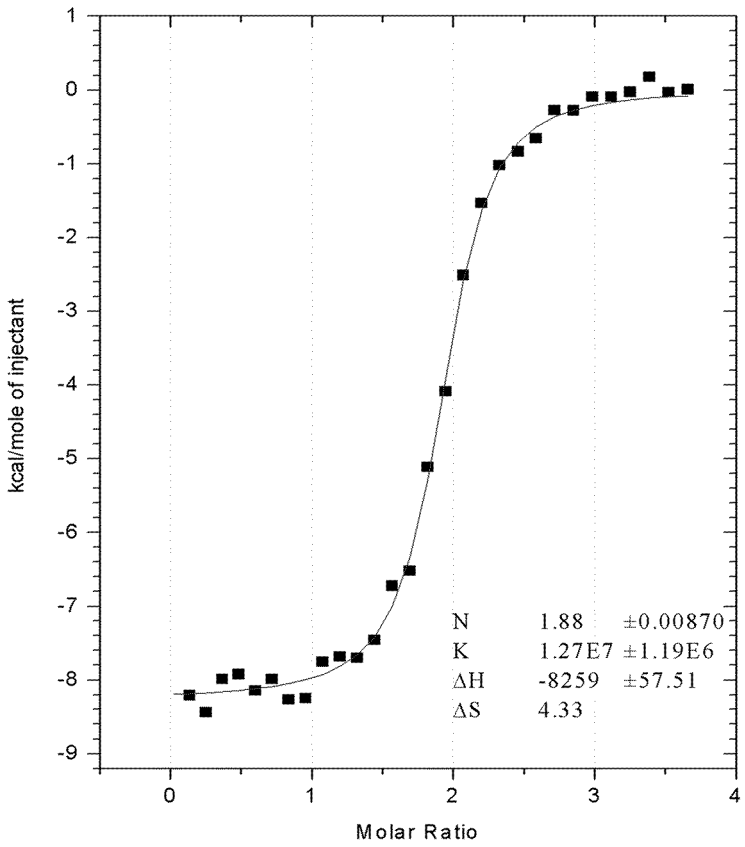


FIGURE 17

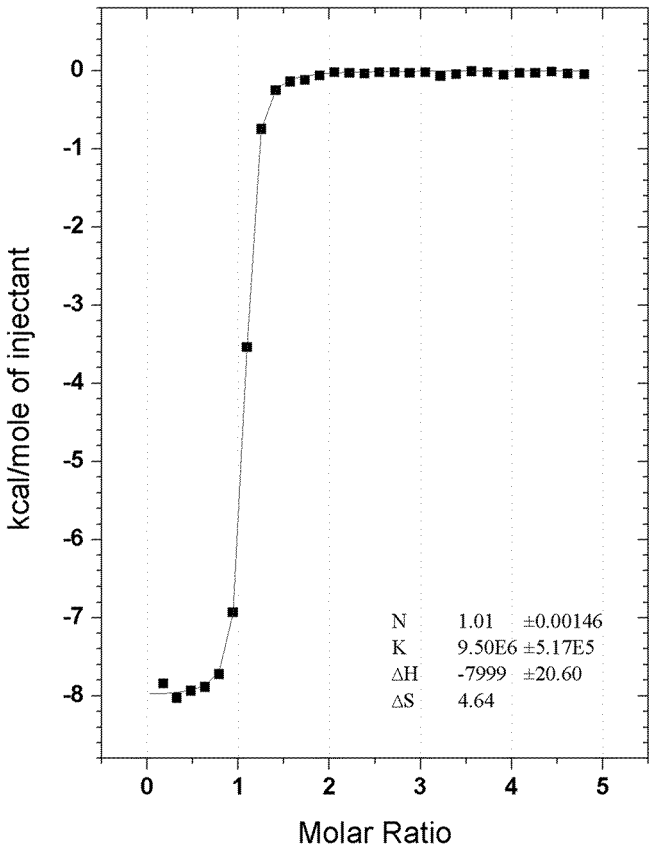

kcal/mole of injectant
0
-1
-2
-3
-4
-5
-6
-7
-8
0
1
2
3
4
5
Molar Ratio
N 1.01 ±0.00146
K 9.50E6 ±5.17E5
ΔH -7999 ±20.60
ΔS 4.64

FIGURE 18

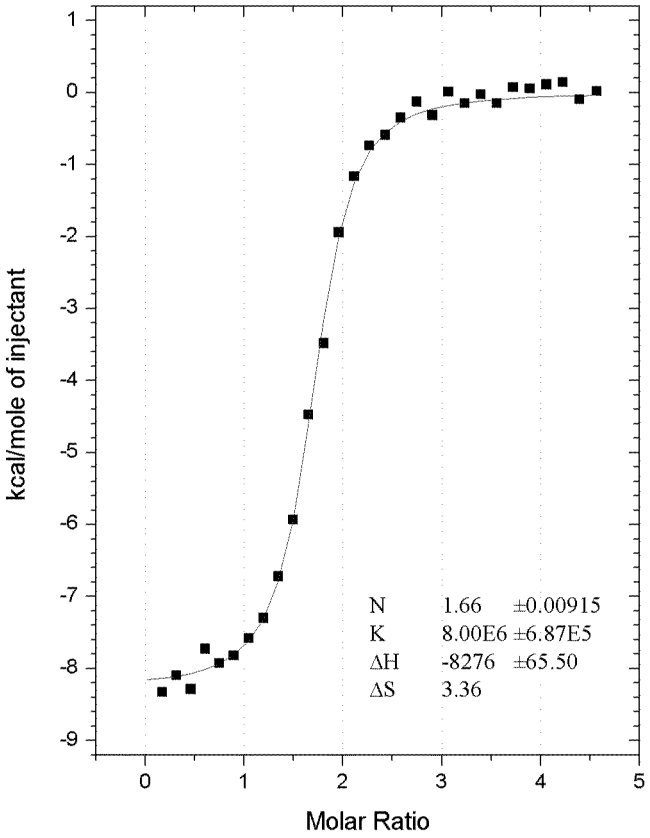

kcal/mole of injectant
Molar Ratio
N 1.66 ±0.00915
K 8.00E6 ±6.87E5
ΔH -8276 ±65.50
ΔS 3.36

FIGURE 19

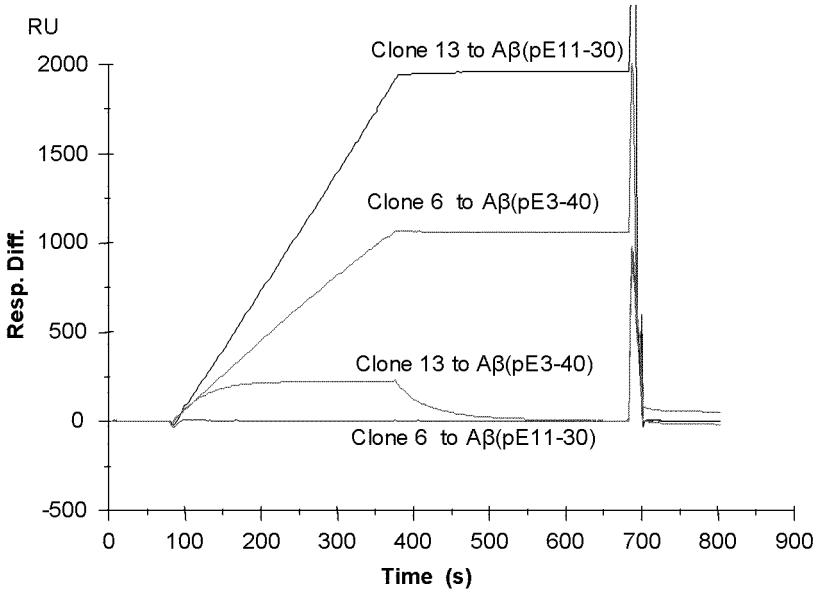


FIGURE 20

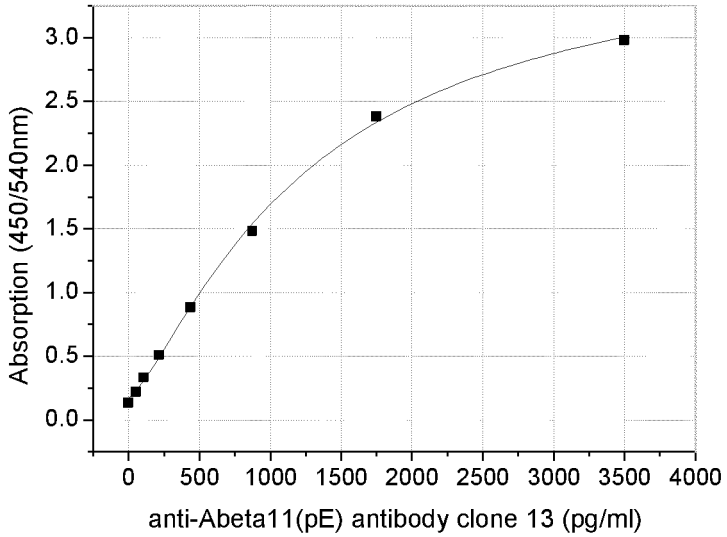


FIGURE 21

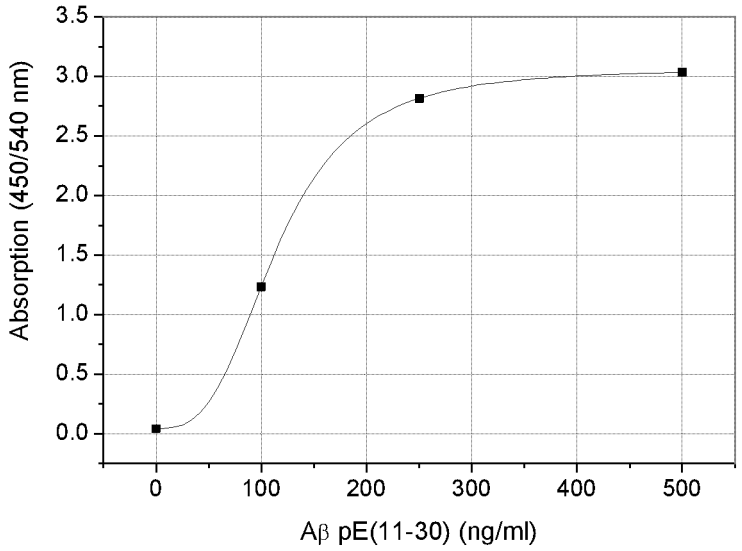


FIGURE 22

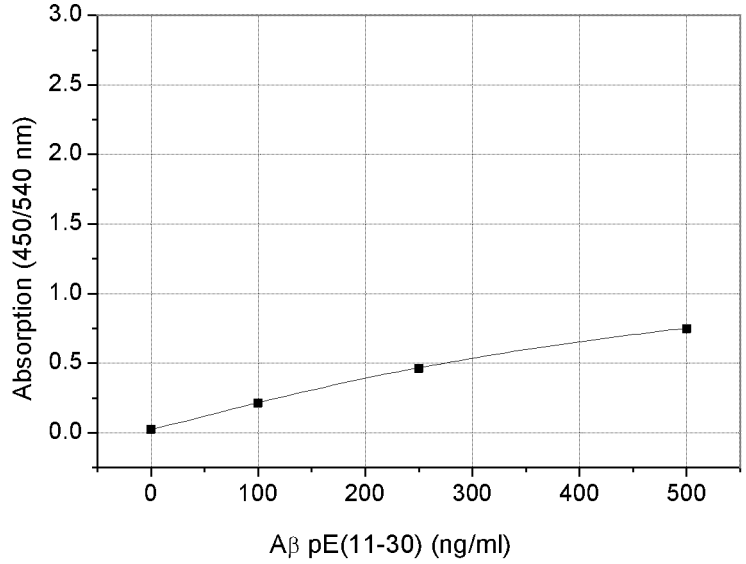


FIGURE 23

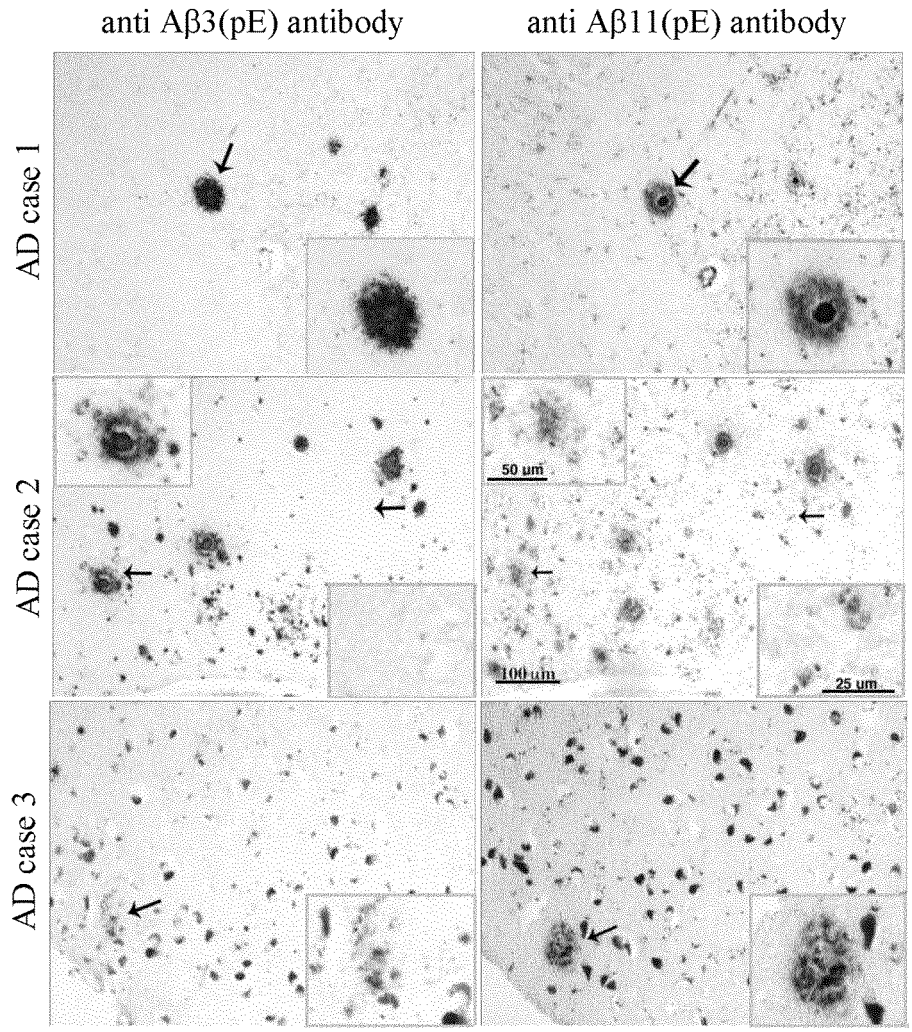


FIGURE 24

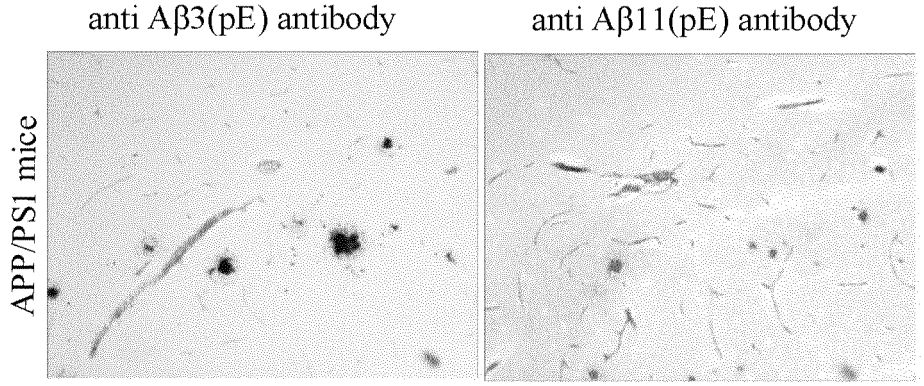


FIGURE 25

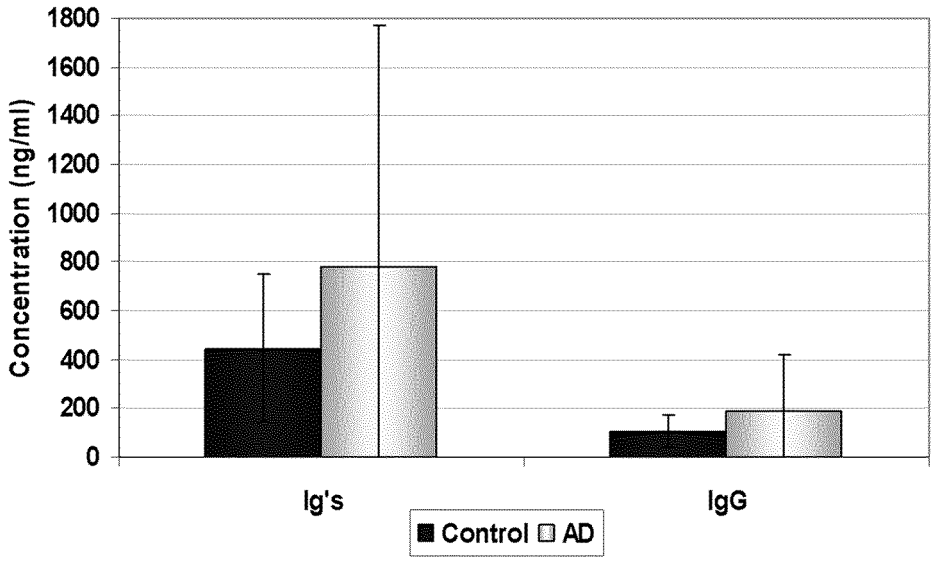


FIGURE 26

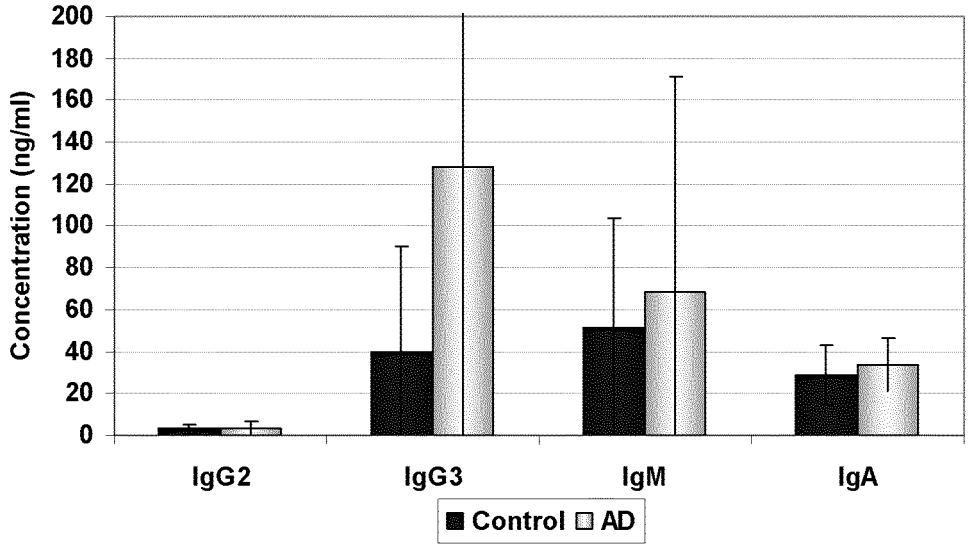


FIGURE 27